

 **PALM INTRANET**Day : Tuesday
Date: 3/1/2005
Time: 16:26:52

Inventor Information for 10/613754

Inventor Name	City	State/Country
OLSSON, LENNART	ORINDA	CALIFORNIA
NARANDA, TATJANA	MOUNTAIN VIEW	CALIFORNIA

[Appln Info](#)[Contents](#)[Petition Info](#)[Atty/Agent Info](#)[Continuity Data](#)[Foreign Data](#)

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Attorney Docket #
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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11284	530/380,300,350,.ccls.	USPAT	AND	ON	2005/03/01 16:13
L2	5118	514/2.ccls.	USPAT	AND	ON	2005/03/01 16:13
L3	14817	I1 or I2	USPAT	AND	ON	2005/03/01 16:14
L4	1541	I3 and (EPO or erythropoietin)	USPAT	AND	ON	2005/03/01 16:14
L5	364	I4 and (small adj molecule)	USPAT	AND	ON	2005/03/01 16:14
L6	213	I5 and modulate	USPAT	AND	ON	2005/03/01 16:14
L7	208	I6 and combination	USPAT	AND	ON	2005/03/01 16:15
L8	15	I7 heterocyclic	USPAT	AND	ON	2005/03/01 16:15
S1	2	"5753665"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/03/01 10:59
S2	9	"4546104"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/03/01 11:05
S3	2	diazolohexahydroquinoline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/03/01 11:05
S4	0	("2004/0171541").URPN.	USPAT	AND	ON	2005/03/01 11:06
S5	0	("5753665").URPN.	USPAT	AND	ON	2005/03/01 14:02
S6	0	wo-9825617-\$.did.	USPAT	AND	ON	2005/03/01 14:02
S7	0	wo-199825617-\$.did.	USPAT	AND	ON	2005/03/01 14:02
S8	0	wo-98025617-\$.did.	USPAT	AND	ON	2005/03/01 14:02
S9	0	"9855224"	USPAT	AND	ON	2005/03/01 14:04
S10	9	"5942520"	USPAT	AND	ON	2005/03/01 14:16
S11	2	"6326352"	USPAT	AND	ON	2005/03/01 14:16
S12	19	S11 or "6031072"	USPAT	AND	ON	2005/03/01 14:16
S13	3	S11 or "6031072".pn.	USPAT	AND	ON	2005/03/01 14:17
S14	3	S13 or "2004006011".pn.	USPAT	AND	ON	2005/03/01 14:23
S15	3	S13 or "200406011".pn.	USPAT	AND	ON	2005/03/01 14:17
S16	0	"2004006011".pn.	USPAT	AND	ON	2005/03/01 14:23
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S18	0	"20040006011".pn.	USPAT	AND	ON	2005/03/01 14:23
S19	0	"20040006011"	USPAT	AND	ON	2005/03/01 14:24
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S21	1	"0006011"	USPAT	AND	ON	2005/03/01 14:24
S22	0	"825557".an.	USPAT	AND	ON	2005/03/01 14:24
S23	4	"825557"	USPAT	AND	ON	2005/03/01 14:24
S24	4	"425557"	USPAT	AND	ON	2005/03/01 14:38
S25	3	"3037022"	USPAT	AND	ON	2005/03/01 16:12

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NEWS 8 DEC 15 MEDLINE update schedule for December 2004
NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness
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NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness
alerts (SDIs) affected
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NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED
NEWS 16 JAN 03 No connect-hour charges in EFPULL during January and
February 2005
NEWS 17 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks
(ROS PATENT) added to list of core patent offices covered
NEWS 18 FEB 10 STN Patent Forums to be held in March 2005
NEWS 19 FEB 16 STN User Update to be held in conjunction with the 229th ACS
National Meeting on March 13, 2005
NEWS 20 FEB 28 PATDFAFULL - New display fields provide for legal status
data from INPADOC
NEWS 21 FEB 28 BABS - Current-awareness alerts (SDIs) available
NEWS 22 FEB 28 MEDLINE/MEDLINE reloaded

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0c(JP),
AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that

ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 8-11 9-10 9-13 11-12 12-13
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 6-14 7-8 8-9 8-11 9-10 9-13 10-16
11-12 12-13

G1: Ak, H, O, S, NH

G2: Ry, Ak, H

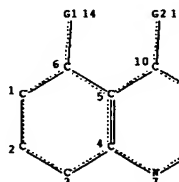
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 16:CLASS

L1 STRUCTURE UPLOADED

-> dis 11
L1 HAS NO ANSWERS
L1 STR

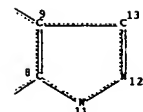
By 21Ak 22E 23

Ak 16H 17 O 18 S 20 N M1



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5



specific topic.

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COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY 0.21 SESSION 0.21
FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 27 FEB 2005 HIGHEST RN 838819-79-7
DICTIONARY FILE UPDATES: 27 FEB 2005 HIGHEST RN 838819-79-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

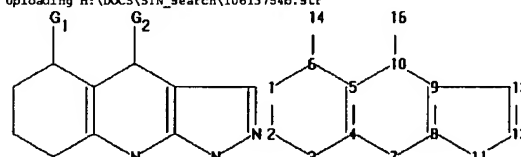
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<http://www.cas.org/ONLINE/DBSS/registryss.html>

-> Uploading H:\DOCS\STN_search\10613754b.str



chain nodes :
14 16
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13
chain bonds :
6-14 10-16

Page 1-B

VAR G1=16/17/18/19/20

VAR G2=21/22/23

NODE ATTRIBUTES:

HCOUNT IS M1 AT 20
NSPEC IS R AT 1
NSPEC IS R AT 2
NSPEC IS R AT 3
NSPEC IS R AT 4
NSPEC IS R AT 5
NSPEC IS R AT 6
NSPEC IS R AT 7
NSPEC IS R AT 8
NSPEC IS R AT 9
NSPEC IS R AT 10
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NSPEC IS R AT 13
NSPEC IS C AT 14
NSPEC IS C AT 15
DEFAULT MLEVEL IS ATOM
MLEVEL IS CLASS AT 16 17 18 19 20 21 22 23
DEFAULT ELEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 23

STEREO ATTRIBUTES: NONE

-> s 11 ful
FULL SEARCH INITIATED 13:14:18 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 55624 TO ITERATE

100.0% PROCESSED 55624 ITERATIONS 1077 ANSWERS
SEARCH TIME: 00.00.01

L2 1077 SEA SSS FUL L1

-> fil hcaplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY 161.76 SESSION 161.97
FULL ESTIMATED COST

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FILE COVERS 1907 - 1 Mar 2005 VOL 142 ISS 10
FILE LAST UPDATED: 28 Feb 2005 (20050228/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

-> s 12
L3 85 L2

-> 13 and epor
436 EPOR
25 EPORS
436 EPOR
(EPOR OR EPORS)

L4 0 L3 AND EPOR

-> 13 and erythropoietin
11280 ERYTHROPOIETIN
520 ERYTHROPOIETINS
11310 ERYTHROPOIETIN
(ERYTHROPOIETIN OR ERYTHROPOIETINS)

L5 0 L3 AND ERYTHROPOIETIN

-> 13 and epo
5614 EPO
131 EPOS
5718 EPO
(EPO OR EPOS)

L6 0 L3 AND EPO

-> 13 and (administer or administration)

3090 ADMINISTER
1865 ADMINISTRERS
4852 ADMINISTER
(ADMINISTER OR ADMINISTRERS)
438848 ADMINISTRATION
5740 ADMINISTRATIONS
441224 ADMINISTRATION
(ADMINISTRATION OR ADMINISTRATIONS)

L7 1 L3 AND (ADMINISTER OR ADMINISTRATION)

-> d 17

L7 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 1991:623817 HCAPLUS Full-text

DN 115:223817

TI Pregnancy interceptive efficacy and biological profile of 3-amino-6,7-dimethoxy-1H-pyrazolo[3,4-b]quinoline (compound 85/83) in rodents

AU Mehrotra, P. K.; Shukla, Rajiv; Dwivedi, Anila; Srivastava, Ranjan P.; Bhat, Neelima; Seth, Manju; Bhaduri, Aniya P.; Kamboj, V. P.

CS Div. Endocrinol., Cent. Drug Res. Inst., Lucknow, 226001, India

SO Contraception (1991), 43(5), 507-19

CODEN: CCPTAY; ISSN: 0010-7824

DT Journal

LA English

DN 126:225297

TI Preparation of 4-substituted pyrazoloquinoline derivatives for the treatment of herpes viral infections and as antitumor agents

IN Afonso, Adriano; Kelly, Joseph M.; Chackalamannil, Samuel

PA USA

SO U.S., 26 pp., Cont.-in-part of U.S. Ser. No. 164,179, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5608067	A	19970304	US 1994-234695	19940428
	US 5786480	A	19980728	US 1996-691768	19960802
PRAI	US 1993-164179	B2	19931209		
US	1994-234695	A3	19940428		
OS	MARPAT 126:225297				

-> d 19 hitstr

L9 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN

IT 188066-20-8P 188066-21-9P 188066-23-1P

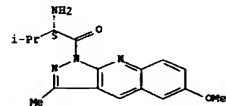
188066-24-2P 188066-34-4P 1880202-01-9P

RI: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pyrazoloquinoline derivs. for the treatment of herpes viral infections and as antitumor agents)

RN 188066-20-8 HCAPLUS

CN 1H-Pyrazolo[3,4-b]quinoline, 1-(2-amino-3-methyl-1-oxobutyl)-6-methoxy-3-methyl-, monohydrochloride, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 188066-21-9 HCAPLUS

CN 1H-Pyrazolo[3,4-b]quinoline, 1-(2-amino-1-oxopropyl)-6-methoxy-3-methyl-, monohydrochloride, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

-> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE TOTAL

FULL ESTIMATED COST

ENTRY SESSION
6.00 167.97

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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Feb 25, 2005 (20050225/UP).

-> fil hcaplus

COST IN U.S. DOLLARS

SINCE FILE TOTAL

FULL ESTIMATED COST

ENTRY SESSION
0.24 168.21

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FILE COVERS 1907 - 1 Mar 2005 VOL 142 ISS 10

FILE LAST UPDATED: 28 Feb 2005 (20050228/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

-> 13 and vivo

391043 VIVO

1 VIVOS

391043 VIVO

(VIVO OR VIVOS)

L8 0 L3 AND VIVO

-> 13 and mammal

27590 MAMMAL

41423 MAMMALS

60783 MAMMAL

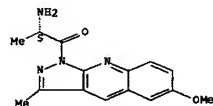
(MAMMAL OR MAMMALS)

L9 1 L3 AND MAMMAL

-> d 19

L9 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN

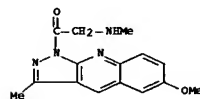
AN 1997:185127 HCAPLUS Full-text



● HCl

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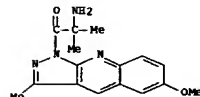
CN 1H-Pyrazolo[3,4-b]quinoline, 6-methoxy-3-methyl-1-[(methylamino)acetyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 188066-24-2 HCAPLUS

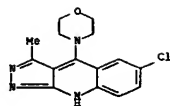
CN 1H-Pyrazolo[3,4-b]quinoline, 1-(2-amino-2-methyl-1-oxopropyl)-6-methoxy-3-methyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

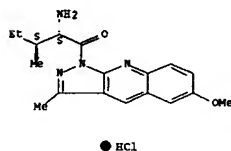
RN 188066-34-4 HCAPLUS

CN 1H-Pyrazolo[3,4-b]quinoline, 6-chloro-3-methyl-4-(4-morpholinyl)- (9CI) (CA INDEX NAME)

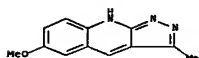


RN 188202-01-9 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-(2-amino-3-methyl-1-oxopentyl)-6-methoxy-3-methyl-, monohydrochloride, [5-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

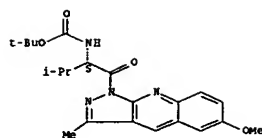


IT 106835-40-9P, 1H-Pyrazolo[3,4-b]quinoline, 6-Methoxy-3-methyl-188066-53-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of pyrazoloquinoline derivs. for the treatment of herpes viral infections and as antitumor agents)
RN 106835-40-9 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 6-methoxy-3-methyl- (9CI) (CA INDEX NAME)

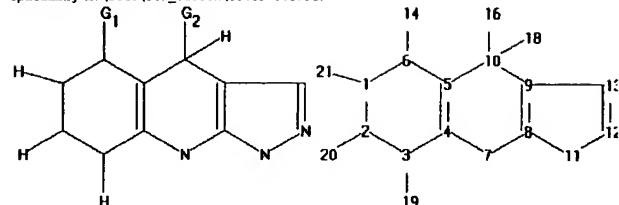


RN 188066-53-7 HCAPLUS
CN Carbamic acid, [1-[(6-methoxy-3-methyl-1H-pyrazolo[3,4-b]quinolin-1-yl)carbonyl]-2-methylpropyl]-, 1,1-dimethylethyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> Uploading H:\DOCS\STN_search\10613754c.str



chain nodes :
14 16 18 19 20 21
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13
chain bonds :
1-21 2-20 3-19 6-14 10-16 10-18
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 8-11 9-10 9-13 11-12 12-13
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 6-14 7-8 8-9 8-11 9-10 9-13 10-16 11-12 12-13
exact bonds :
1-21 2-20 3-19 10-18

G1: Ak, H, O, S, NH

G2: Ry, Ak, H

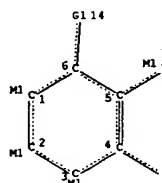
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 16:CLASS 18:CLASS 19:CLASS 20:CLASS
21:CLASS

L10 STRUCTURE UPLOADED

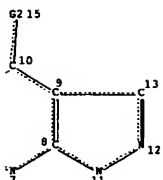
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L10 HAS NO ANSWERS
L10 STR

By 21AK 22M 23

AK 16H 17 O 18 S 20 W M1



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Page 1-B

VAR G1=16/17/18/19/20

VAR G2=21/22/23

MODE ATTRIBUTES:

HCOUNT	IS M1	AT	
1	IS M1	AT	1
2	IS M1	AT	2
3	IS M1	AT	3
10	IS M1	AT	10
20	IS M1	AT	20
1	NSPEC	IS R	AT 1
2	NSPEC	IS R	AT 2
3	NSPEC	IS R	AT 3
4	NSPEC	IS R	AT 4
5	NSPEC	IS R	AT 5
6	NSPEC	IS R	AT 6
7	NSPEC	IS R	AT 7
8	NSPEC	IS R	AT 8
9	NSPEC	IS R	AT 9

NSPEC IS R AT 10
NSPEC IS R AT 11
NSPEC IS R AT 12
NSPEC IS R AT 13
NSPEC IS C AT 14
NSPEC IS C AT 15
DEFAULT MLEVEL IS ATOM
MLEVEL IS CLASS AT 16 17 18 19 20 21 22 23
DEFAULT ELEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 23

STEREO ATTRIBUTES: NONE

=> fil rg
'RG' IS NOT A VALID FILE NAME
SESSION CONTINUES IN FILE 'HCAPLUS'
Enter "HELP FILE NAMES" at an arrow prompt (=) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	13.19	181.40

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STRUCTURE FILE UPDATES: 27 FEB 2005 HIGHEST RN 838819-79-7
DICTIONARY FILE UPDATES: 27 FEB 2005 HIGHEST RN 838819-79-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> = l10
SAMPLE SEARCH INITIATED 13:20:29 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2901 TO ITERATE

34.5% PROCESSED 1000 ITERATIONS 7 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 54790 TO 61250
PROJECTED ANSWERS: 136 TO 676

L11 7 SEA SSS SAM L10

=> a l10 ful
FULL SEARCH INITIATED 13:20:32 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 55624 TO ITERATE

100.0% PROCESSED 55624 ITERATIONS 244 ANSWERS
SEARCH TIME: 00.00.01

L12 244 SEA SSS FUL L10

=> fil hcaplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 161.33 342.73

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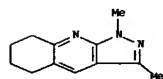
FILE COVERS 1907 - 1 Mar 2005 VOL 142 ISS 10
FILE LAST UPDATED: 28 Feb 2005 (20050228/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> l12 and erythropoietin
46 L12
11280 ERYTHROPOIETIN
520 ERYTHROPOIETINS
11310 ERYTHROPOIETIN
(ERYTHROPOIETIN OR ERYTHROPOIETINS)
L13 0 L12 AND ERYTHROPOIETIN

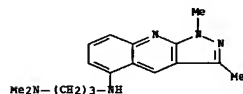
=> l12
L14 46 L12

=> l14 and dose
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277813 DOSES
696211 DOSE



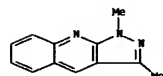
● HCl

RN 57861-41-3 HCAPLUS
CN 1,3-Propanediamine, N'-(1,3-dimethyl-1H-pyrazolo[3,4-b]quinolin-5-yl)-N,N-dimethyl-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

RN 57861-42-4 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1,3-dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)



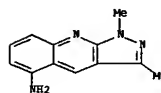
● HCl

RN 57861-98-0 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline-1-propanamine, N,N,3-trimethyl-, hydrochloride (9CI) (CA INDEX NAME)

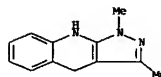
(DOSE OR DOSES)
L15 1 L14 AND DOSE

=> d l15 ibib hitstr

L15 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1976:69240 HCAPLUS Full-text
DOCUMENT NUMBER: 84:69240
TITLE: Interferon inducing activities of derivatives of 1,3-dimethyl-4-(3-dimethylaminopropylamino)-1H-pyrazolo[3,4-b]quinoline and related compounds
AUTHOR(S): Crenshaw, R. R.; Luke, George M.; Siminoff, Paul
CORPORATE SOURCE: Bristol Lab. Div., Bristol-Myers Co., Syracuse, NY, USA
SOURCE: Journal of Medicinal Chemistry (1976), 19(2), 262-75
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 57862-40-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation and N-alkylation of)
RN 57862-40-5 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-5-amine, 1,3-dimethyl-, (9CI) (CA INDEX NAME)

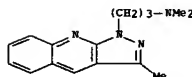


IT 57861-30-0P 57861-31-1P 57861-41-3P
57861-42-4P 57861-98-0P
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation and interferon induction by)
RN 57861-30-0 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 4,9-dihydro-1,3-dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 57861-31-1 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 5,6,7,8-tetrahydro-1,3-dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)



●x HCl

=> FIL STNGUIDE
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 47.49 390.22

FILE 'STNGUIDE' ENTERED AT 13:31:32 ON 01 MAR 2005
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FILE CONTAINS CURRENT INFORMATION.
LAST RELEASED: Feb 25, 2005 (20050225/UP).

=> fil reg
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 0.84 391.06

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STRUCTURE FILE UPDATES: 27 FEB 2005 HIGHEST RN 838819-79-7
DICTIONARY FILE UPDATES: 27 FEB 2005 HIGHEST RN 838819-79-7

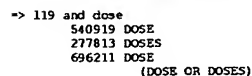
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

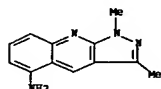
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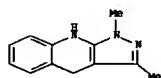
L24 1 L19 AND DOSE

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L24 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS ON STN
ACCESSION NUMBER: 1976:69240 HCAPLUS Full-text
DOCUMENT NUMBER: 84:69240
TITLE: Interferon inducing activities of derivatives of
1,3-dimethyl-4-(3-dimethylaminopropylamino)-1H-
pyrazolo[3,4-b]quinoline and related compounds
AUTHOR(S): Crenshaw, R. A.; Luke, George M.; Siminoff, Paul
CORPORATE SOURCE: Bristol Lab. Div., Bristol-Myers Co., Syracuse, NY,
USA
SOURCE: Journal of Medicinal Chemistry (1976), 19(2), 262-75
CODEN: JMCHAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 57862-40-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and N-alkylation of)
RN 57862-40-5 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-5-amine, 1,3-dimethyl- (9CI) (CA INDEX NAME)

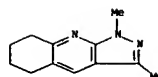


IT 57861-30-0P 57861-31-1P 57861-41-3P
57861-42-4P 57861-98-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and interferon induction by)
RN 57861-30-0 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 4,9-dihydro-1,3-dimethyl-, monohydrochloride
(9CI) (CA INDEX NAME)



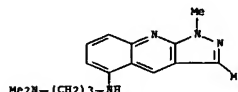
● HCl

RN 57861-31-1 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 5,6,7,8-tetrahydro-1,3-dimethyl-,
monohydrochloride (9CI) (CA INDEX NAME)



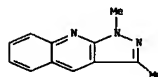
● HCl

RN 57861-41-3 HCAPLUS
CN 1,3-Propanediamine, N'-(1,3-dimethyl-1H-pyrazolo[3,4-b]quinolin-5-yl)-N,N-
dimethyl-, dihydrochloride (9CI) (CA INDEX NAME)



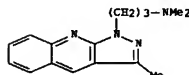
● 2 HCl

RN 57861-42-4 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1,3-dimethyl-, monohydrochloride (9CI) (CA
INDEX NAME)



● HCl

RN 57861-98-0 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline-1-propanamine, N,N,3-trimethyl-, hydrochloride
(9CI) (CA INDEX NAME)



●x HCl

substance identification.

=> fil reg
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
20.54	572.93

FILE 'REGISTRY' ENTERED AT 13:44:44 ON 01 MAR 2005
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DICTIONARY FILE UPDATES: 27 FEB 2005 HIGHEST RN 838819-79-7

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Experimental and calculated property data are now available. For more
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<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s 57861-31-1/rn
L25 1 57861-31-1/RN

=> fil hcaplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.43	573.36

FILE 'HCAPLUS' ENTERED AT 13:44:57 ON 01 MAR 2005
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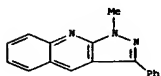
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FILE COVERS 1907 - 1 Mar 2005 VOL 142 ISS 10
FILE LAST UPDATED: 28 Feb 2005 (20050228/ED)

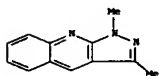
This file contains CAS Registry Numbers for easy and accurate

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=> d his
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L1 STRUCTURE UPLOADED
L2 1077 S L1 FUL
FILE 'HAPLUS' ENTERED AT 13:14:48 ON 01 MAR 2005
L3 85 S L2
L4 0 L3 AND EPOR
L5 0 L3 AND ERYTHROPOIETIN
L6 0 L3 AND EPO
L7 1 L3 AND (ADMINISTER OR ADMINISTRATION)
FILE 'STNGUIDE' ENTERED AT 13:15:51 ON 01 MAR 2005
FILE 'HAPLUS' ENTERED AT 13:18:08 ON 01 MAR 2005
L8 0 L3 AND VIVO
L9 1 L3 AND MAMMAL
L10 STRUCTURE UPLOADED
FILE 'REGISTRY' ENTERED AT 13:20:25 ON 01 MAR 2005
L11 7 S L10
L12 244 S L10 FUL
FILE 'HAPLUS' ENTERED AT 13:20:40 ON 01 MAR 2005
L13 0 L12 AND ERYTHROPOIETIN
L14 46 L12
L15 1 L14 AND DOSE
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FILE 'REGISTRY' ENTERED AT 13:40:01 ON 01 MAR 2005
L16 STRUCTURE UPLOADED
L17 7 S L16 SAM
L18 244 S L16 FUL
FILE 'HAPLUS' ENTERED AT 13:40:39 ON 01 MAR 2005
L19 46 S L18
L20 0 L19 AND EPO
L21 0 L19 AND EPOR
L22 0 L19 AND ERYTHROPOIETIN
L23 0 L19 AND ADMINISTER
L24 1 L19 AND DOSE
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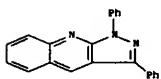
L19 ANSWER 1 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:831464 HCAPLUS Full-text
 DOCUMENT NUMBER: 142:6033
 TITLE: Optical absorption of 1H-pyrazolo[3,4-b]quinoline and its derivatives
 AUTHOR(S): Gondek, E.; Koscieln, E.; Sanetra, J.; Danel, A.; Wisla, A.; Kityk, A. V.
 CORPORATE SOURCE: Institute of Physics, Technical University of Krakow, Krakow, 30-084, Pol.
 SOURCE: Spectrochimica Acta, Part A: Molecular and Biomolecular Spectroscopy (2004), 60A(13), 3101-3106
 CODEN: SAMCAS; ISSN: 1386-1425
 PUBLISHER: Elsevier B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 89522-24-7 89522-26-9 89522-27-0
 RL: PRP (Properties)
 (ab initio and optical absorption of 1H-pyrazolo[3,4-b]quinoline and deriv.)
 RN 89522-24-7 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1-methyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 89522-26-9 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1,3-dimethyl- (9CI) (CA INDEX NAME)



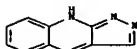
RN 89522-27-0 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1,3-diphenyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

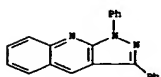
L19 ANSWER 2 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN

PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 268-93-90, 1H-Pyrazolo[3,4-b]quinoline, derivs.
 RL: DEV (Device component use); MOA (Modifier or additive use); PRP (Properties); USES (Uses)
 (pyrazoloquinolines chromophores for organic LED fabrication)
 RN 268-93-9 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline (8CI, 9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

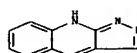
L19 ANSWER 4 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:494731 HCAPLUS Full-text
 DOCUMENT NUMBER: 141:277547
 TITLE: 1H-pyrazolo[3,4-b]quinolines and their performance in electroluminescent devices
 AUTHOR(S): Funaki, J.; Imai, K.; Araki, K.; Danel, A.; Tomaszik, P.
 CORPORATE SOURCE: Corporate R&D Laboratory, Pioneer Electronic Corp., Saitama, Japan
 SOURCE: Polish Journal of Chemistry (2004), 78(6), 843-850
 CODEN: PJCHDQ; ISSN: 0137-5083
 PUBLISHER: Polish Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 89522-27-0P
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (preparation of 1H-pyrazolo[3,4-b]quinolines from aromatic amines and 1,3-disubstituted-5-chloro-4-formylpyrazole and their performance in electroluminescent devices)
 RN 89522-27-0 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1,3-diphenyl- (9CI) (CA INDEX NAME)



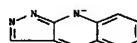
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L19 ANSWER 5 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:114294 HCAPLUS Full-text
 DOCUMENT NUMBER: 141:38782
 TITLE: Synthesis of Aldehyde-sugar Derivatives of

ACCESSION NUMBER: 2004:693799 HCAPLUS Full-text
 DOCUMENT NUMBER: 141:349769
 TITLE: Geometry computations of xH-pyrazolo[3,4-b]quinolines (x=1,2,9) in the ground state in tautomerism phenomenon
 AUTHOR(S): Danel, A.; Zapotoczny, S.; Sterzel, M.; Pilch, M.
 CORPORATE SOURCE: Department of Chemistry, University of Agriculture, Krakow, 31-129, Pol.
 SOURCE: THEOCHEM (2004), 682(1-3), 179-183
 CODEN: THEODJ; ISSN: 0166-1280
 PUBLISHER: Elsevier B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 268-93-9, 1H-Pyrazolo[3,4-b]quinoline
 RL: CPS (Chemical process); PEP (Physical, engineering or chemical process); PRP (Properties); RCT (Reactant); PROC (Process); RACT (Reactant or reagent)
 (geometry computations of xH-pyrazolo[3,4-b]quinolines (x=1,2,9) in ground state in tautomerism phenomenon)
 RN 268-93-9 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline (8CI, 9CI) (CA INDEX NAME)



IT 776298-52-3
 RL: PRP (Properties)
 (geometry computations of xH-pyrazolo[3,4-b]quinolines (x=1,2,9) in ground state in tautomerism phenomenon)
 RN 776298-52-3 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, ion(1-) (9CI) (CA INDEX NAME)

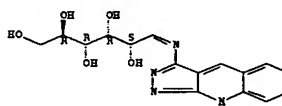


REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 3 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:546983 HCAPLUS Full-text
 DOCUMENT NUMBER: 141:268088
 TITLE: Pyrazoloquinolines - alternative chromophores for organic LED fabrication
 AUTHOR(S): Niziol, Jacek; Danel, Andrzej; Gondek, Ewa; Armatys, Pawel; Sanetra, Jerzy; Boiteux, Gisela
 CORPORATE SOURCE: Faculty of Physics & Nuclear Techniques, University of Mining and Metallurgy, Krakow, 30-059, Pol.
 SOURCE: Macromolecular Symposia (2004), 212(Electronic Phenomena in Organic Solids), 473-478
 CODEN: MSYMEC; ISSN: 1022-1360

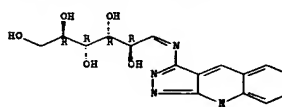
Pyrazoloquinoline as Inhibitors of Herpes Simplex Virus Type 1 Replication
 AUTHOR(S): Bekhit, Adnan A.; El-Sayed, Ola A.; Aboul-Enen, Hassan Y.; Siddiqui, Yunus M.; Al-Ahdal, Mohamed N.
 CORPORATE SOURCE: Dep. Pharm. Chem., Fac. Pharm., Univ. Alexandria, Alexandria, 21521, Egypt
 SOURCE: Journal of Enzyme Inhibition and Medicinal Chemistry (2004), 19(1), 33-38
 CODEN: JEIMAZ; ISSN: 1475-6366
 PUBLISHER: Taylor & Francis Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 141:38782
 IT 702649-19-2P 702649-21-6P 702649-23-8P
 702649-25-0P 702659-03-8P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (synthesis of pyrazoloquinoline alditols and their evaluation as Herpes Simplex Virus Type 1 replication inhibitors)
 RN 702649-19-2 HCAPLUS
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Absolute stereochemistry.
 Double bond geometry unknown.



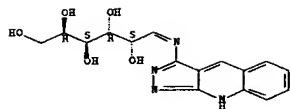
RN 702649-21-6 HCAPLUS
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Absolute stereochemistry.
 Double bond geometry unknown.



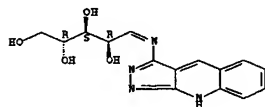
RN 702649-23-8 HCAPLUS
 CN D-Galactitol, 1-deoxy-1-(1H-pyrazolo[3,4-b]quinolin-3-ylimino)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry unknown.



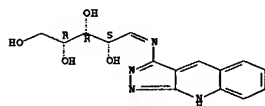
RN 702649-25-0 HCAPLUS
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Absolute stereochemistry.
Double bond geometry unknown.

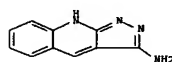


RN 702659-03-8 HCAPLUS
CN D-Xylitol, 1-deoxy-1-(1H-pyrazolo[3,4-b]quinolin-3-ylimino)- (9CI) (CA INDEX NAME)

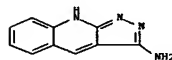
Absolute stereochemistry.
Double bond geometry unknown.



IT 106835-44-3, 1H-Pyrazolo[3,4-b]quinolin-3-amine
RL: RCT (Reactant); RACT (Reactant or reagent)
(synthesis of pyrazoloquinoline alditols and their evaluation as Herpes Simplex Virus Type 1 replication inhibitors)
RN 106835-44-3 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine (9CI) (CA INDEX NAME)

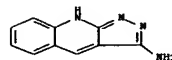


CODEN: ARPMAS; ISSN: 0365-6233
PUBLISHER: Wiley-VCH Verlag GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 106835-44-3, 1H-Pyrazolo[3,4-b]quinolin-3-amine
RL: RCT (Reactant); RACT (Reactant or reagent)
(synthesis and benzodiazepine receptor binding activity of disubstituted quinolino(pyrzolino)purinones)
RN 106835-44-3 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine (9CI) (CA INDEX NAME)



REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

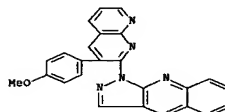
L19 ANSWER 8 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:261355 HCAPLUS Full-text
DOCUMENT NUMBER: 137:140449
TITLE: Synthesis of new pyrazolo[3,4-b]quinolines, thieno[2,3-b]quinolines, and related condensed heterocyclic systems
AUTHOR(S): Bakhite, Etify Abdel-Ghaffar
CORPORATE SOURCE: Chemistry Department, Faculty of Science, Assiut University, Assiut, 71516, Egypt
SOURCE: Journal of the Chinese Chemical Society (Taipei, Taiwan) (2001), 48(6B), 1175-1183
CODEN: JCCCTAC; ISSN: 0009-4536
PUBLISHER: Chinese Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 137:140449
IT 106835-44-3P, 1H-Pyrazolo[3,4-b]quinolin-3-amine
353273-42-4P 444659-55-6P 444659-56-7P
444659-57-8P 444659-58-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of pyrazolo[3,4-b]quinolines, thieno[2,3-b]quinolines, and related condensed heterocyclic systems)
RN 106835-44-3 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine (9CI) (CA INDEX NAME)



RN 353273-42-4 HCAPLUS
CN Thiourea, N-phenyl-N'-1H-pyrazolo[3,4-b]quinolin-3-yl- (9CI) (CA INDEX NAME)

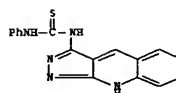
REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 6 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:583992 HCAPLUS Full-text
DOCUMENT NUMBER: 139:381413
TITLE: Microwave-assisted synthesis of pyrazolo[3,4-b]quinolines containing 1,8-naphthyridine moiety
AUTHOR(S): Mogilaiah, K.; Sudhakar, G. Rama; Reddy, N. Vasudeva
CORPORATE SOURCE: Department of Chemistry, Kakatiya University, Warangal, 506 009, India
SOURCE: Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (2003), 42B(7), 1753-1755
CODEN: IJCSDB; ISSN: 0376-4699
PUBLISHER: National Institute of Science Communication
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 139:381413
IT 623141-92-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of 1,8-naphthyridinyl-substituted pyrazolo[3,4-b]quinolines by reaction of 2-hydrazino-3-(4-methoxyphenyl)-1,8-naphthyridine with 2-chloroquinoline-3-carbaldehydes followed by cyclization under microwave irradiation)
RN 623141-92-4 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-[3-(4-methoxyphenyl)-1,8-naphthyridin-2-yl]- (9CI) (CA INDEX NAME)

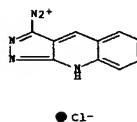


REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

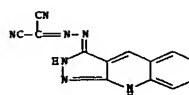
L19 ANSWER 7 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:603328 HCAPLUS Full-text
DOCUMENT NUMBER: 138:215176
TITLE: Synthesis and benzodiazepine receptor binding activity of 2,9-disubstituted quinolino[2',3'-5,4] (3-pyrazolino) [3,2-b]purin-4-ones
AUTHOR(S): El-Sayed, Ola A.; Habib, Narges S.; Aboul-Enen, Hassan Y.; Costa, Barbara; Lucacchini, Antonio; Martini, Claudia
CORPORATE SOURCE: Pharmaceutical Chemistry Department, Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt
SOURCE: Archiv der Pharmazie (Weinheim, Germany) (2002), 335(5), 207-212



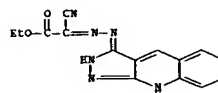
RN 444659-55-6 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline-3-diazonium, chloride (9CI) (CA INDEX NAME)



RN 444659-56-7 HCAPLUS
CN Propanedinitrile, (1H-pyrazolo[3,4-b]quinolin-3-ylhydrazono)- (9CI) (CA INDEX NAME)

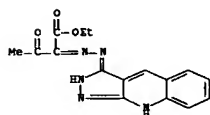


RN 444659-57-8 HCAPLUS
CN Acetic acid, cyano(1H-pyrazolo[3,4-b]quinolin-3-ylhydrazono)-, ethyl ester (9CI) (CA INDEX NAME)

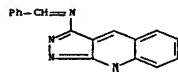


RN 444659-58-9 HCAPLUS

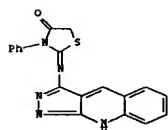
CN Butanoic acid, 3-oxo-2-[(1H-pyrazolo[3,4-b]quinolin-3-yl)hydrazono]-, ethyl ester (9CI) (CA INDEX NAME)



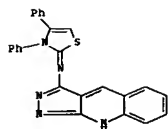
IT 353273-45-7P 353273-47-9P 444659-49-8P
444659-50-1P 444659-51-2P 444659-52-3P
444659-53-4P 444659-54-5P 444659-62-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of pyrazolo[3,4-b]quinolines, thieno[2,3-b]quinolines, and related condensed heterocyclic systems)
RN 353273-45-7 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine, N-(phenylmethylene)- (9CI) (CA INDEX NAME)



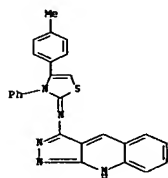
RN 353273-47-9 HCAPLUS
CN 4-Thiazolidinone, 3-phenyl-2-[(1H-pyrazolo[3,4-b]quinolin-3-ylimino)- (9CI) (CA INDEX NAME)



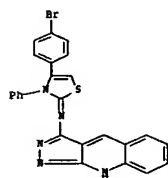
RN 444659-49-8 HCAPLUS
CN 4-Thiazolidinone, 5-methyl-3-phenyl-2-[(1H-pyrazolo[3,4-b]quinolin-3-ylimino)- (9CI) (CA INDEX NAME)



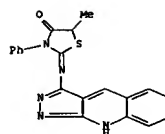
RN 444659-53-4 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine, N-[4-(4-methylphenyl)-3-phenyl-2(3H)-thiazolyldiene]- (9CI) (CA INDEX NAME)



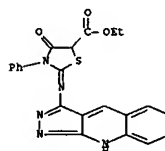
RN 444659-54-5 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine, N-[4-(4-bromophenyl)-3-phenyl-2(3H)-thiazolyldiene]- (9CI) (CA INDEX NAME)



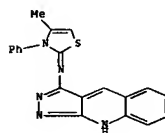
RN 444659-62-5 HCAPLUS
CN 1H-Pyrazole-4,5-dione, 3-methyl-1-phenyl-, 4-[(1,2-dihydro-3H-pyrazolo[3,4-b]quinolin-3-ylidene)hydrazono] (9CI) (CA INDEX NAME)



RN 444659-50-1 HCAPLUS
CN 5-Thiazolidinecarboxylic acid, 4-oxo-3-phenyl-2-[(1H-pyrazolo[3,4-b]quinolin-3-ylimino)-, ethyl ester (9CI) (CA INDEX NAME)



RN 444659-51-2 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine, N-(4-methyl-3-phenyl-2(3H)-thiazolyldiene)- (9CI) (CA INDEX NAME)

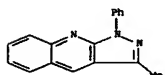


RN 444659-52-3 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine, N-(3,4-diphenyl-2(3H)-thiazolyldiene)- (9CI) (CA INDEX NAME)

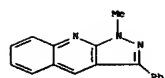


REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

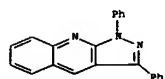
L19 ANSWER 9 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:197563 HCAPLUS Full-text
DOCUMENT NUMBER: 136:408313
TITLE: Optical properties of new pyrazolo[3,4-b]quinoline and its composites
AUTHOR(S): Niziol, J.; Danel, A.; Boiteux, G.; Davenas, J.; Jarosz, B.; Wisla, A.; Seytre, G.
CORPORATE SOURCE: ISTEIL, Laboratoire des Matériaux Polymères et Biomateriaux, UMR 5627, CNRS-Claude Bernard Lyon 1 University, Villeurbanne, 69622, Fr.
SOURCE: Synthetic Metals (2002), 127(1-3), 175-180
CODEN: SYMEDI; ISSN: 0379-6779
PUBLISHER: Elsevier Science S.A.
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 894-88-2 89522-24-7 89522-27-0
RL: PEP (Physical, engineering or chemical process); PRP (Properties); PYP (Physical process); PROC (Process)
(optical properties of new pyrazolo[3,4-b]quinoline derivs. and their composites)
RN 894-88-2 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 3-methyl-1-phenyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



RN 89522-24-7 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-methyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 89522-27-0 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1,3-diphenyl- (9CI) (CA INDEX NAME)

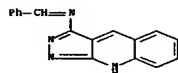


REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

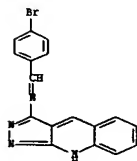
L19 ANSWER 10 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:730742 HCAPLUS Full-text
DOCUMENT NUMBER: 135:288777
TITLE: Preparation of pyrazolopyridines as Th1/Th2-selective immune response regulators
INVENTOR(S): Uchikawa, Osamu; Mitsui, Keita; Asakawa, Akiko; Morimoto, Shigeru; Yamamoto, Masataka; Kimura, Hiroyuki; Moriya, Takeo; Mizuno, Masahiro
PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
SOURCE: PCT Int. Appl., 307 pp.
CODEN: PIXK02
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001072749	A1	20011004	WO 2001-JP2439	20010327
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2404669	AA	20011004	CA 2001-2404669	20010327
AU 2001042795	A5	20011008	AU 2001-42795	20010327
JP 2001342188	A2	20011211	JP 2001-89653	20010327
EP 1270572	A1	20030102	EP 2001-915804	20010327
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, UK, CY, AL, TR				
US 2003187014	A1	20031002	US 2002-239978	20020925
PRIORITY APPL. INFO.:			JP 2000-86313	A 20000327

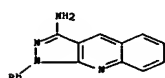
RN 353273-45-7 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine, N-(phenylmethylene)- (9CI) (CA INDEX NAME)



RN 353273-46-8 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine, N-[(4-bromophenyl)methylene]- (9CI) (CA INDEX NAME)



IT 353273-37-7P 353273-38-8P 353273-39-9P
353273-40-2P 353273-41-3P 353273-47-9P
353273-49-1P 353273-50-4P 353273-51-5P
353273-52-6P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation, bactericidal, and fungicidal activity of pyrazoloquinolines)
RN 353273-37-7 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine, 1-phenyl- (9CI) (CA INDEX NAME)

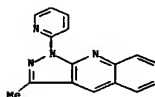


RN 353273-38-8 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine, 1-(4-bromophenyl)- (9CI) (CA INDEX NAME)

JP 2000-86524 A 20000327
WO 2001-JP2439 W 20010327

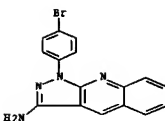
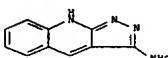
OTHER SOURCE(S): CASREACT 135:288777; MARPAT 135:288777

IT 364726-14-7P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pyrazolopyridines as Th1/Th2-selective immune response regulators)
RN 364726-14-7 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 3-methyl-1-(2-pyridinyl)- (9CI) (CA INDEX NAME)

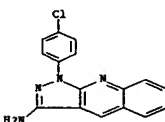


REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

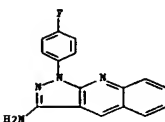
L19 ANSWER 11 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:375006 HCAPLUS Full-text
DOCUMENT NUMBER: 135:152748
TITLE: Synthesis and antimicrobial activity of novel pyrazolo[3,4-b]quinoline derivatives
AUTHOR(S): El-Sayed, Ola A.; Aboul-Enein, Hassan Y.
CORPORATE SOURCE: Chemistry Department, College of Science, Girls College, King Saud University, Riyadh, 11495, Saudi Arabia
SOURCE: Archiv der Pharmazie (Weinheim, Germany) (2001), 334(4), 117-120
CODEN: ARPMAS; ISSN: 0365-6233
PUBLISHER: Wiley-VCH Verlag GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 135:152748
IT 106835-44-3P, 1H-Pyrazolo[3,4-b]quinolin-3-amine
353273-45-7P 353273-46-8P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(preparation, bactericidal, and fungicidal activity of pyrazoloquinolines)
RN 106835-44-3 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine (9CI) (CA INDEX NAME)



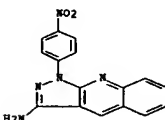
RN 353273-39-9 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine, 1-(4-chlorophenyl)- (9CI) (CA INDEX NAME)



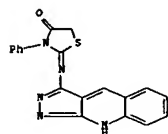
RN 353273-40-2 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine, 1-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



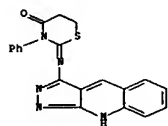
RN 353273-41-3 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine, 1-(4-nitrophenyl)- (9CI) (CA INDEX NAME)



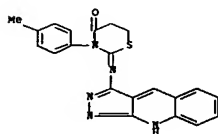
RN 353273-47-9 HCAPLUS
CN 4-Thiazolidinone, 3-phenyl-2-(1H-pyrazolo[3,4-b]quinolin-3-ylimino)- (9CI) (CA INDEX NAME)



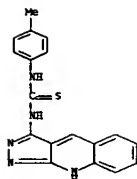
RN 353273-49-1 HCAPLUS
CN 4H-1,3-Thiazin-4-one, tetrahydro-3-phenyl-2-(1H-pyrazolo[3,4-b]quinolin-3-ylimino)- (9CI) (CA INDEX NAME)



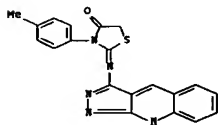
RN 353273-50-4 HCAPLUS
CN 4H-1,3-Thiazin-4-one, tetrahydro-3-(4-methylphenyl)-2-(1H-pyrazolo[3,4-b]quinolin-3-ylimino)- (9CI) (CA INDEX NAME)



RN 353273-51-5 HCAPLUS
CN 4-Thiazolidinone, 2-phenyl-3-(1H-pyrazolo[3,4-b]quinolin-3-yl)- (9CI) (CA INDEX NAME)

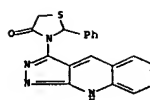


IT 353273-48-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation, bactericidal, and fungicidal activity of pyrazoloquinolines)
RN 353273-48-0 HCAPLUS
CN 4-Thiazolidinone, 3-(4-methylphenyl)-2-(1H-pyrazolo[3,4-b]quinolin-3-ylimino)- (9CI) (CA INDEX NAME)

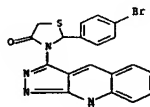


REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

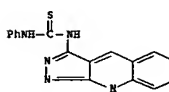
L19 ANSWER 12 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:372486 HCAPLUS [Full-text](#)
DOCUMENT NUMBER: 135:166804
TITLE: Microwave assisted solvent-free synthesis of pyrazolo[3,4-b]quinolines and pyrazolo[3,4-c]pyrazoles using p-TsOH
AUTHOR(S): Paul, S.; Gupta, M.; Gupta, R.; Loupy, A.
CORPORATE SOURCE: Department of Chemistry, University of Jammu, Jammu Tawi, 180 006, India
SOURCE: Tetrahedron Letters (2001), 42(23), 3827-3829
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 135:166804
IT 268-93-9P, 1H-Pyrazolo[3,4-b]quinoline 124080-65-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(microwave assisted solvent-free synthesis of pyrazoloquinolines and pyrazolopyrazoles using p-TsOH)
RN 268-93-9 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline (8CI, 9CI) (CA INDEX NAME)



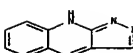
RN 353273-52-6 HCAPLUS
CN 4-Thiazolidinone, 2-(4-bromophenyl)-3-(1H-pyrazolo[3,4-b]quinolin-3-yl)- (9CI) (CA INDEX NAME)



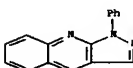
IT 353273-42-4P 353273-43-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation, bactericidal, and fungicidal activity of pyrazoloquinolines)
RN 353273-42-4 HCAPLUS
CN Thiourea, N-phenyl-N'-1H-pyrazolo[3,4-b]quinolin-3-yl- (9CI) (CA INDEX NAME)



RN 353273-43-5 HCAPLUS
CN Thiourea, N-(4-methylphenyl)-N'-1H-pyrazolo[3,4-b]quinolin-3-yl- (9CI) (CA INDEX NAME)

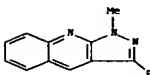


RN 124080-65-5 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-phenyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

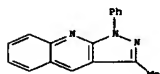
L19 ANSWER 13 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:153006 HCAPLUS [Full-text](#)
DOCUMENT NUMBER: 134:358905
TITLE: Organic Light-Emitting Diodes Based on Variously Substituted Pyrazoloquinolines as Emitting Material
AUTHOR(S): Tao, Y. T.; Balasubramanian, E.; Danel, A.; Jarosz, B.; Tomasik, P.
CORPORATE SOURCE: Institute of Chemistry, Academia Sinica, Taipei, 11529, Taiwan
SOURCE: Chemistry of Materials (2001), 13(4), 1207-1212
CODEN: CMATEX; ISSN: 0897-4756
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 89522-24-7P
RL: PNU (Preparation, unclassified); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
(organic light-emitting diodes based on variously substituted pyrazoloquinolines as emitting material and their preparation)
RN 89522-24-7 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-methyl-3-phenyl- (9CI) (CA INDEX NAME)



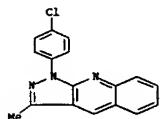
REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 14 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN

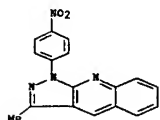
ACCESSION NUMBER: 2001:65906 HCAPLUS Full-text
 DOCUMENT NUMBER: 134:252699
 TITLE: Development of new dyeing photoinitiators for free radical polymerization based on 1H-pyrazolo[3,4-b]quinoline skeleton. IV
 AUTHOR(S): Kucybała, Zdzisław; Przyjazna, Barbara; Linden, Lars-Ake; Paczkowski, Jerzy
 CORPORATE SOURCE: Faculty of Chemical Technology and Engineering, University of Technology and Agriculture, Bydgoszcz, 85-326, Pol.
 SOURCE: Polymer Bulletin (Berlin) (2000), 45(4-5), 327-334
 CODEN: POBUUR; ISSN: 0170-0839
 PUBLISHER: Springer-Verlag
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 894-88-2 331472-15-2 331472-16-3 331472-17-4 331472-18-5 331472-19-6 331472-20-9
 RL: CAT (Catalyst use); PRP (Properties); USES (Uses) (photoinitiators for radical polymerization based on 1H-pyrazolo[3,4-b]quinoline skeleton)
 RN 894-88-2 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 3-methyl-1-phenyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



RN 331472-15-2 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1-(4-chlorophenyl)-3-methyl- (9CI) (CA INDEX NAME)



RN 331472-16-3 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1-(4-bromophenyl)-3-methyl- (9CI) (CA INDEX NAME)

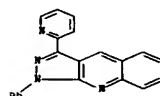


RN 331472-20-9 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 3-methyl-1-(4-nitrophenyl)- (9CI) (CA INDEX NAME)

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

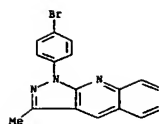
L19 ANSWER 15 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:463665 HCAPLUS Full-text
 DOCUMENT NUMBER: 133:201180
 TITLE: Electron drift mobility in pyrazolo[3,4-b]quinoline doped polystyrene layers
 AUTHOR(S): Tameev, A. R.; He, Z.; Milburn, G. H. W.; Kozlov, A. A.; Vannikov, A. V.; Danel, A.; Tomasik, P.
 CORPORATE SOURCE: Frumkin Institute of Electrochemistry, Russian Academy of Sciences, Moscow, 117071, Russia
 SOURCE: Applied Physics Letters (2000), 77(3), 322-324
 CODEN: APPLAB; ISSN: 0003-6951
 PUBLISHER: American Institute of Physics
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 289624-64-2

RL: MOA (Modifier or additive use); PRP (Properties); USES (Uses) (electron drift mobility in pyrazolo[3,4-b]quinoline doped polystyrene layers)
 RN 289624-64-2 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1-phenyl-3-(2-pyridinyl)- (9CI) (CA INDEX NAME)

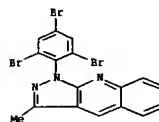


REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

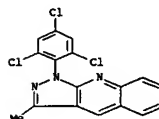
L19 ANSWER 16 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1999:812632 HCAPLUS Full-text
 DOCUMENT NUMBER: 132:180501



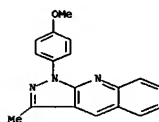
RN 331472-17-4 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 3-methyl-1-(2,4,6-tribromophenyl)- (9CI) (CA INDEX NAME)



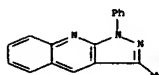
RN 331472-18-5 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 3-methyl-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



RN 331472-19-6 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1-(4-methoxyphenyl)-3-methyl- (9CI) (CA INDEX NAME)



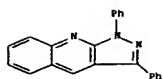
TITLE: Microwave assisted Friedlaender condensation catalyzed by clay
 AUTHOR(S): Sabitha, Govararam; Babu, R. Satheesh; Reddy, B. V. Subbar; Yadav, J. S.
 CORPORATE SOURCE: Organic Division I, Discovery Laboratory, Indian Institute of Chemical Technology, Hyderabad, 500 007, India
 SOURCE: Synthetic Communications (1999), 29(24), 4403-4408
 CODEN: SYNCAY; ISSN: 0039-7911
 PUBLISHER: Marcel Dekker, Inc.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 132:180501
 IT 894-88-2P
 RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of polycyclic quinolines by microwave assisted Friedlaender condensations catalyzed by clay)
 RN 894-88-2 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 3-methyl-1-phenyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 17 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1999:76579 HCAPLUS Full-text
 DOCUMENT NUMBER: 130:222935
 TITLE: Fluorescence properties of donor-acceptor-substituted pyrazoloquinolines
 AUTHOR(S): Faruqi, Andreas B. J.; Rechthaler, Karl; Florun, Danyal; Danel, Andrzej; Khachatryan, Karen; Rotkiewicz, Krystyna; Kohler, Gottfried
 CORPORATE SOURCE: Institut für Theoretische Chemie und Strahlenchemie, Universität Wien, Vienna, A-1090, Austria
 SOURCE: Journal of Fluorescence (1998), 8(4), 375-387
 CODEN: JOFLEN; ISSN: 1053-0509
 PUBLISHER: Plenum Publishing Corp.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 89522-27-0

RL: PRP (Properties) (fluorescence properties of donor-acceptor-substituted pyrazoloquinolines)
 RN 89522-27-0 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1,3-diphenyl- (9CI) (CA INDEX NAME)

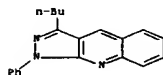


REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 18 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1998:479527 HCAPLUS Full-text
 DOCUMENT NUMBER: 129:115441
 TITLE: Pyrazole-based organic electroluminescent compounds and their use in electroluminescent devices
 INVENTOR(S): Milburn, George Henry William; Tomasiak, Piotr; Danel, Andrzej; He, Zhigun; Rasala, Damuta
 PATENT ASSIGNEE(S): The University Court of Napier University, UK
 SOURCE: PCT Int. Appl., 33 pp.
 CODEN: PIXX02
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9828296	A1	19980702	WO 1997-GB3499	19971219
V: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, CA, GN, ML, MR, NE, NG, SN, TD, TG				
AU 9853299	A1	19980717	AU 1998-53299	19971219
PRIORITY APPL. INFO.:			GB 1996-26501	A 19961220
			WO 1997-GB3499	W 19971219

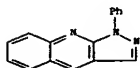
OTHER SOURCE(S): MARPAT 129:115441
 IT 209979-29-3 209979-30-6
 RL: DEV (Device component use); PRP (Properties); USES (Uses)
 (pyrazole-based organic electroluminescent compds. and their use in electroluminescent devices)
 RN 209979-29-3 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 3-butyl-1-phenyl- (9CI) (CA INDEX NAME)



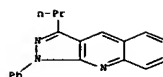
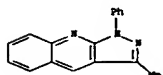
RN 209979-30-6 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1-phenyl-3-propyl- (9CI) (CA INDEX NAME)

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 20 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1997:266883 HCAPLUS Full-text
 DOCUMENT NUMBER: 126:343537
 TITLE: Synthesis of some novel substituted quinolines as potent analgesic agents
 AUTHOR(S): Kidwai, M.; Negi, N.
 CORPORATE SOURCE: Department Chemistry, University Delhi, Delhi, 110007, India
 SOURCE: Monatshefte fuer Chemie (1997), 128(1), 85-89
 CODEN: MOCHB7; ISSN: 0026-9247
 PUBLISHER: Springer
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 124080-65-5
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
 (preparation of quinolines with analgesic activity)
 RN 124080-65-5 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1-phenyl- (9CI) (CA INDEX NAME)

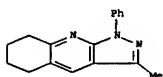


L19 ANSWER 21 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1996:246820 HCAPLUS Full-text
 DOCUMENT NUMBER: 125:10775
 TITLE: Attempted Niementowski condensation of anthranilic acid and its ester with 3-methyl-1-phenylpyrazolin-5-one
 AUTHOR(S): Dael, A.; Tomasiak, P.; Kappe, T.; Gheath, A. H.
 CORPORATE SOURCE: Dep. Chem., Univ. Agriculture, Krakow, 31-120, Pol.
 SOURCE: Polish Journal of Chemistry (1996), 70(3), 302-9
 CODEN: PJCHDQ; ISSN: 0137-5083
 PUBLISHER: Polish Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 894-88-2P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (Niementowski reaction of anthranilate with methyl(phenyl)pyrazolinone)
 RN 894-88-2 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 3-methyl-1-phenyl- (7CI, 8CI, 9CI) (CA INDEX NAME)

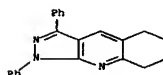


REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 19 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1997:363450 HCAPLUS Full-text
 DOCUMENT NUMBER: 127:95253
 TITLE: Reaction of 5-amino-4-formyl-3-methyl(or phenyl)-1-phenyl-1H-pyrazoles with active methylene compounds: synthesis of fused heterocyclic rings
 AUTHOR(S): Ahluwalia, Vinod K.; Dahiya, Aruna; Garg, Vijay K.
 CORPORATE SOURCE: Dep. Chemistry, Univ. Delhi, Delhi, 110 007, India
 SOURCE: Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1997), 36B(1), 88-90
 CODEN: IJUSDB; ISSN: 0376-4699
 PUBLISHER: National Institute of Science Communication
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 51431-29-9P 192003-93-3P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of fused heterocycles by cyclocondensation of aminoformylpyrazoles with methylene compds.)
 RN 51431-29-9 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 5,6,7,8-tetrahydro-3-methyl-1-phenyl- (9CI) (CA INDEX NAME)

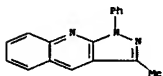


RN 192003-93-3 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 5,6,7,8-tetrahydro-1,3-diphenyl- (9CI) (CA INDEX NAME)

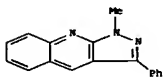


REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS

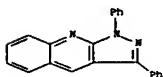
L19 ANSWER 22 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1995:812335 HCAPLUS Full-text
 DOCUMENT NUMBER: 124:29655
 TITLE: Condensation of 2-nitrobenzaldehyde with pyrazolin-5-ones. Structure of 4-(2-nitrobenzylidene)pyrazolin-5-ones and their reductive cyclization
 AUTHOR(S): Danel, A.; Tomasiak, P.
 CORPORATE SOURCE: Department Chemistry, Hugon Kollataj Academy Agriculture, Krakow, PL30 059, Pol.
 SOURCE: Polish Journal of Chemistry (1995), 69(7), 1013-17
 CODEN: PJCHDQ; ISSN: 0137-5083
 PUBLISHER: Polish Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 894-88-2P 89522-24-7P 89522-27-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 894-88-2 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 3-methyl-1-phenyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



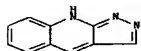
RN 89522-24-7 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1-methyl-3-phenyl- (9CI) (CA INDEX NAME)



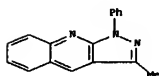
RN 89522-27-0 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1,3-diphenyl- (9CI) (CA INDEX NAME)



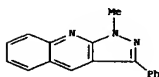
L19 ANSWER 23 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1995:396810 HCAPLUS [Full-text](#)
 DOCUMENT NUMBER: 122:213445
 TITLE: Quantum chemical CI-1 analysis of UV absorption spectra of 1H-pyrazolo[3,4-b]quinoline system
 AUTHOR(S): Pietrzycki, Wladyslaw; Danel, Andrzej; Tomaszik, Piotr
 CORPORATE SOURCE: Dep. of Chemistry and Physics, Hugon Kollataj Academy of Agriculture, Krakow, 30 059, Pol.
 SOURCE: Bulletin des Societes Chimiques Belges (1994), 103(12), 725-41
 CODEN: BSCBAG; ISSN: 0037-9646
 PUBLISHER: Societe Chimique Belges
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 268-93-9, 1H-Pyrazolo[3,4-b]quinoline 894-88-2
 89522-24-7 89522-26-9 89522-27-0
 RL: PRP (Properties)
 (quantum chemical CI-1 anal. of UV absorption spectra of 1H-pyrazolo[3,4-b]quinoline system)
 RN 268-93-9 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline (8CI, 9CI) (CA INDEX NAME)



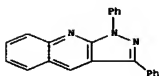
RN 894-88-2 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 3-methyl-1-phenyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



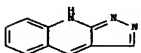
RN 89522-24-7 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1-methyl-3-phenyl- (9CI) (CA INDEX NAME)



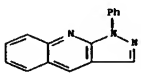
RN 89522-26-9 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1,3-dimethyl- (9CI) (CA INDEX NAME)



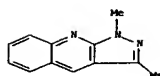
L19 ANSWER 25 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1994:483167 HCAPLUS [Full-text](#)
 DOCUMENT NUMBER: 121:83167
 TITLE: Synthesis of pyrazolo[3,4-b]quinolines and their 1-phenyl derivatives
 AUTHOR(S): Rajendran, S. P.; Manonmani, M.; Vijayalakshmi, S.
 CORPORATE SOURCE: Dep. Chem., Bharathiar Univ., Coimbatore, 641 046, India
 SOURCE: Organic Preparations and Procedures International (1994), 26(3), 383-5
 CODEN: OPPIAK; ISSN: 0030-4948
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 121:83167
 IT 268-93-9P, 1H-Pyrazolo[3,4-b]quinoline 124080-65-5P
 RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)
 RN 268-93-9 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline (8CI, 9CI) (CA INDEX NAME)



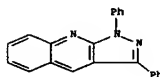
RN 124080-65-5 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1-phenyl- (9CI) (CA INDEX NAME)



L19 ANSWER 26 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1991:143233 HCAPLUS [Full-text](#)
 DOCUMENT NUMBER: 114:143233
 TITLE: Synthesis of some thiazole-, 1,3,4-thiadiazole-, and 4H-1,2,4-triazole derivatives of pyrazolo[3,4-b]quinoline
 AUTHOR(S): Farghaly, A. M.; Habib, N. S.; Khalil, M. A.; El-Sayed, O. A.



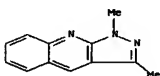
RN 89522-27-0 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1,3-diphenyl- (9CI) (CA INDEX NAME)



L19 ANSWER 24 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1995:346787 HCAPLUS [Full-text](#)
 DOCUMENT NUMBER: 122:118456
 TITLE: Organic electroluminescent devices
 INVENTOR(S): Funaki, Atsushi; Imai, Kunio; Pictoru, Tomashiku; Araki, Koji
 PATENT ASSIGNEE(S): Pioneer Electronic Corp, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JROKAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

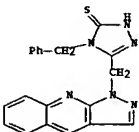
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06192652	A2	19940712	JP 1992-342787	19921222
JP 3231439	B2	20011119		

PRIORITY APPLN. INFO.:
 OTHER SOURCE(S): MARPAT 122:118456
 IT 89522-26-9 89522-27-0
 RL: DEV (Device component use); USES (Uses) (blue-emitting phosphors in electroluminescent devices)
 RN 89522-26-9 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1,3-dimethyl- (9CI) (CA INDEX NAME)

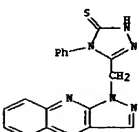


RN 89522-27-0 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1,3-diphenyl- (9CI) (CA INDEX NAME)

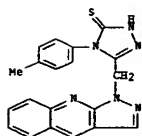
CORPORATE SOURCE: Fac. Pharm., Univ. Alexandria, Alexandria, Egypt
 SOURCE: Archiv der Pharmazie (Weinheim, Germany) (1991), 324(1), 19-24
 CODEN: ARPMAS; ISSN: 0365-6233
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 114:143233
 IT 132719-06-9P 132719-07-0P 132719-08-1P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation and alkylation of)
 RN 132719-06-9 HCAPLUS
 CN 3H-1,2,4-Triazole-3-thione, 2,4-dihydro-4-(phenylmethyl)-5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)- (9CI) (CA INDEX NAME)



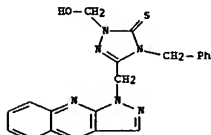
RN 132719-07-0 HCAPLUS
 CN 3H-1,2,4-Triazole-3-thione, 2,4-dihydro-4-phenyl-5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)- (9CI) (CA INDEX NAME)



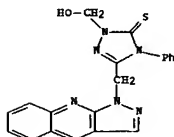
RN 132719-08-1 HCAPLUS
 CN 3H-1,2,4-Triazole-3-thione, 2,4-dihydro-4-(4-methylphenyl)-5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)- (9CI) (CA INDEX NAME)



IT 132719-96-1P 132719-97-2P 132719-98-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and amination of)
 RN 132719-96-1 HCAPLUS
 CN 3H-1,2,4-Triazole-3-thione, 2,4-dihydro-2-(hydroxymethyl)-4-(phenylmethyl)-
 5-[(1H-pyrazolo[3,4-b]quinolin-1-yl)methyl]- (9CI) (CA INDEX NAME)

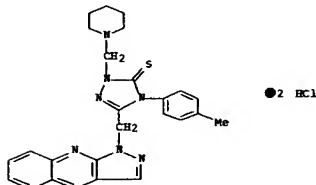


RN 132719-97-2 HCAPLUS
 CN 3H-1,2,4-Triazole-3-thione, 2,4-dihydro-2-(hydroxymethyl)-4-phenyl-5-[(1H-
 pyrazolo[3,4-b]quinolin-1-yl)methyl]- (9CI) (CA INDEX NAME)

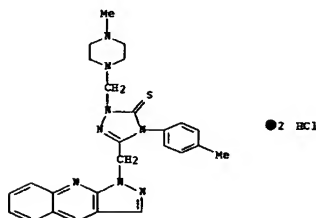


RN 132719-98-3 HCAPLUS
 CN 3H-1,2,4-Triazole-3-thione, 2,4-dihydro-2-(hydroxymethyl)-4-(4-
 methylphenyl)-5-[(1H-pyrazolo[3,4-b]quinolin-1-yl)methyl]- (9CI) (CA INDEX
 NAME)

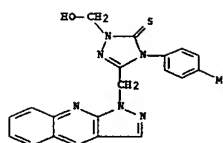
CN 3H-1,2,4-Triazole-3-thione, 2,4-dihydro-4-(4-methylphenyl)-2-(1-
 piperidinylmethyl)-5-[(1H-pyrazolo[3,4-b]quinolin-1-yl)methyl]-,
 dihydrochloride (9CI) (CA INDEX NAME)



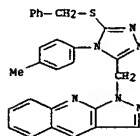
IT 132720-04-8P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and antimicrobial and inotropic activity of)
 RN 132720-04-8 HCAPLUS
 CN 3H-1,2,4-Triazole-3-thione, 2,4-dihydro-4-(4-methylphenyl)-2-[(4-methyl-1-
 piperazinyl)methyl]-5-[(1H-pyrazolo[3,4-b]quinolin-1-yl)methyl]-,
 dihydrochloride (9CI) (CA INDEX NAME)



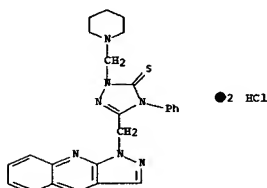
IT 132719-74-5P 132719-76-7P 132719-77-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and cyclocondensation reactions of)
 RN 132719-74-5 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline-1-acetic acid, 2-[(2-
 propenylamino)thioxomethyl]hydrazide (9CI) (CA INDEX NAME)



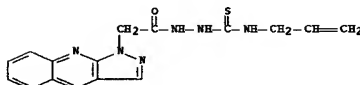
IT 132719-95-0P 132720-01-5P 132720-03-7P
 RL: RAC (Biological activity or effector, except adverse); BSU (Biological
 study, unclassified); SPN (Synthetic preparation); BIOL (Biological
 study); PREP (Preparation)
 (preparation and antimicrobial activity of)
 RN 132719-95-0 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1-[[4-(4-methylphenyl)-5-[(phenylmethyl)thio]-
 4H-1,2,4-triazol-3-yl]methyl]- (9CI) (CA INDEX NAME)



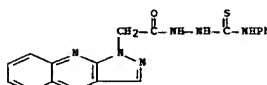
RN 132720-01-5 HCAPLUS
 CN 3H-1,2,4-Triazole-3-thione, 2,4-dihydro-4-phenyl-2-(1-piperidinylmethyl)-5-
 [(1H-pyrazolo[3,4-b]quinolin-1-yl)methyl]-, dihydrochloride (9CI) (CA INDEX
 NAME)



RN 132720-03-7 HCAPLUS

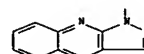
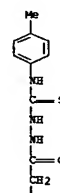


RN 132719-76-7 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline-1-acetic acid, 2-[(phenylamino)thioxomethyl]hy-
 drazone (9CI) (CA INDEX NAME)



RN 132719-77-8 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline-1-acetic acid, 2-[[4-
 methylphenyl) amino]thioxomethyl]hydrazide (9CI) (CA INDEX NAME)

PAGE 1-A



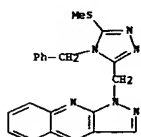
PAGE 2-A

IT 132719-89-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

RN 132719-89-2 HCAPLUS

CN 1H-Pyrazolo[3,4-b]quinoline, 1-[[5-(methylthio)-4-(phenylmethyl)-4H-1,2,4-triazol-3-yl]methyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

IT 132719-78-9P 132719-79-0P 132719-80-3P

132719-81-4P 132719-82-5P 132719-83-6P

132719-84-7P 132719-85-8P 132719-90-5P

132719-92-7P 132719-93-8P 132719-94-9P

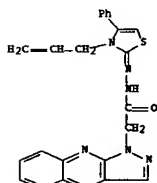
132719-99-4P 132720-00-4P 132720-02-6P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of)

RN 132719-78-9 HCAPLUS

CN 1H-Pyrazolo[3,4-b]quinoline-1-acetic acid, (4-phenyl-3-(2-propenyl)-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)

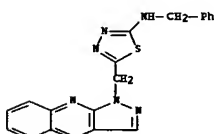


RN 132719-79-0 HCAPLUS

CN 1H-Pyrazolo[3,4-b]quinoline-1-acetic acid, (4-phenyl-3-(phenylmethyl)-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)

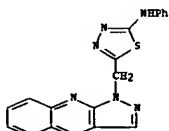
RN 132719-82-5 HCAPLUS

CN 1,3,4-Thiadiazol-2-amine, N-(phenylmethyl)-5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)- (9CI) (CA INDEX NAME)



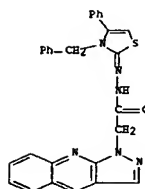
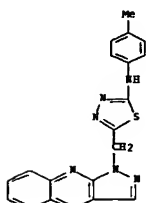
RN 132719-83-6 HCAPLUS

CN 1,3,4-Thiadiazol-2-amine, N-phenyl-5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)- (9CI) (CA INDEX NAME)



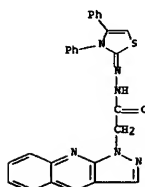
RN 132719-84-7 HCAPLUS

CN 1,3,4-Thiadiazol-2-amine, N-(4-methylphenyl)-5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)- (9CI) (CA INDEX NAME)



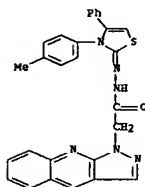
RN 132719-80-3 HCAPLUS

CN 1H-Pyrazolo[3,4-b]quinoline-1-acetic acid, (3,4-diphenyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)



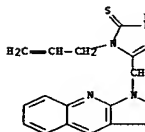
RN 132719-81-4 HCAPLUS

CN 1H-Pyrazolo[3,4-b]quinoline-1-acetic acid, [3-(4-methylphenyl)-4-phenyl-2(3H)-thiazolylidene]hydrazide (9CI) (CA INDEX NAME)



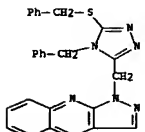
RN 132719-85-8 HCAPLUS

CN 3H-1,2,4-Triazole-3-thione, 2,4-dihydro-4-(2-propenyl)-5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)- (9CI) (CA INDEX NAME)



RN 132719-90-5 HCAPLUS

CN 1H-Pyrazolo[3,4-b]quinoline, 1-[[4-(phenylmethyl)-5-[(phenylmethyl)thio]-4H-1,2,4-triazol-3-yl]methyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

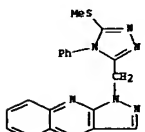
RN 132719-92-7 HCAPLUS

CN 1H-Pyrazolo[3,4-b]quinoline, 1-[[5-(methylthio)-4-phenyl-4H-1,2,4-triazol-3-yl]methyl]-, compd. with 2,4,6-trinitrophenol (1:1) (9CI) (CA INDEX NAME)

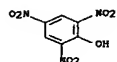
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CRN 132719-91-6

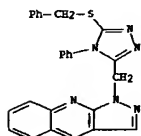
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CN 2
CRN 88-89-1
CMF C6 H3 N3 O7

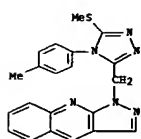


RN 132719-93-8 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-[[4-phenyl-5-(phenylmethyl)thio]-4H-1,2,4-triazol-3-yl]methyl-, monohydrochloride (9CI) (CA INDEX NAME)

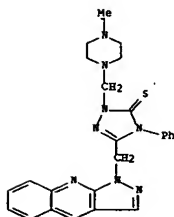


● 2 HCl

RN 132719-94-9 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-[[4-(4-methylphenyl)-5-(methylthio)-4H-1,2,4-triazol-3-yl]methyl]- (9CI) (CA INDEX NAME)

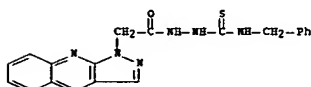


RN 132719-99-4 HCAPLUS
CN 3H-1,2,4-Triazole-3-thione, 2,4-dihydro-2-[(phenylmethyl)-2-(1-piperidinylmethyl)-5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)

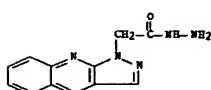


● 2 HCl

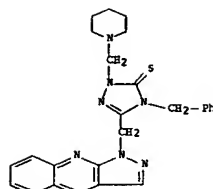
IT 132719-75-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation, inotropic activity, and cyclocondensation reactions of)
RN 132719-75-6 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline-1-acetic acid, 2-[[4-(phenylmethyl)amino]thioxomethyl]hydrazide (9CI) (CA INDEX NAME)



IT 124080-50-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with isothiocyanates)
RN 124080-50-8 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline-1-acetic acid, hydrazide (9CI) (CA INDEX NAME)

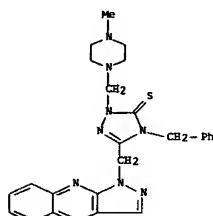


L19 ANSWER 27 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1990:572015 HCAPLUS Full-text
DOCUMENT NUMBER: 113:172015
TITLE: Preparation of pyrazolo[3,4-b]quinolines as antiviral agents



● 2 HCl

RN 132720-00-4 HCAPLUS
CN 3H-1,2,4-Triazole-3-thione, 2,4-dihydro-2-[(4-methyl-1-piperazinyl)methyl]-4-(phenylmethyl)-5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)

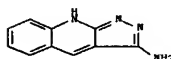


● 2 HCl

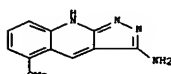
RN 132720-02-6 HCAPLUS
CN 3H-1,2,4-Triazole-3-thione, 2,4-dihydro-2-[(4-methyl-1-piperazinyl)methyl]-4-phenyl-5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)

INVENTOR(S): Bell, Malcolm R.; Ackerman, James H.
PATENT ASSIGNEE(S): Sterling Drug Inc., USA
SOURCE: U.S., 9 pp. Cont.-in-part of U.S. Ser. No. 71,110, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4920128	A	19900424	US 1988-196598	19880520
PRIORITY APPL. INFO.:			US 1987-71110	B2 19870708
OTHER SOURCE(S):			CASREACT 113:172015; MARPAT 113:172015	
IT 106835-44-3P, 1H-Pyrazolo[3,4-b]quinolin-3-amine				
129797-63-3P				
RL: SPN (Synthetic preparation); PREP (Preparation)				
(preparation of, as antiviral agent and vasodilator)				
RN 106835-44-3 HCAPLUS				
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine (9CI) (CA INDEX NAME)				

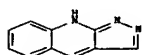


RN 129797-63-3 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine, 5-methoxy- (9CI) (CA INDEX NAME)

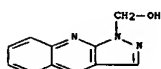


L19 ANSWER 28 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1990:459008 HCAPLUS Full-text
DOCUMENT NUMBER: 113:59008
TITLE: Synthesis of novel 2-substituted quinoline derivatives: antimicrobial, inotropic, and chronotropic activities
AUTHOR(S): Farhaly, A. M.; Habib, N. S.; Khalil, M. A.; El-Sayed, O. A.; Bistawroos, A. E.
CORPORATE SOURCE: Fac. Pharm., Univ. Alexandria, Alexandria, Egypt
SOURCE: Archiv der Pharmazie (Weinheim, Germany) (1990), 323(4), 247-51
CODEN: ARPMAS; ISSN: 0365-6233
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 113:59008
IT 268-93-9P, 1H-Pyrazolo[3,4-b]quinoline

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 268-93-9 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline (8CI, 9CI) (CA INDEX NAME)

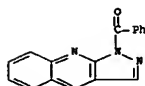


L19 ANSWER 29 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1990:7420 HCAPLUS Full-text
DOCUMENT NUMBER: 112:7420
TITLE: Synthesis of 1H-pyrazolo[3,4-b]quinoline derivatives
of possible therapeutic interest
AUTHOR(S): Farhaly, Ahmed M.; Habib, Nargues S.; Khalil, Mounir
A.; El-Sayed, Ola A.
CORPORATE SOURCE: Fac. Pharm., Univ. Alexandria, Alexandria, Egypt
SOURCE: Alexandria Journal of Pharmaceutical Sciences (1989),
3(1), 90-4
CODEN: AJPSES; ISSN: 1110-1792
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 124080-45-1P, 1H-Pyrazolo[3,4-b]quinoline-1-methanol
124080-50-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and amination of)
RN 124080-45-1 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline-1-methanol (9CI) (CA INDEX NAME)

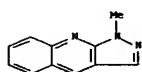


RN 124080-58-6 HCAPLUS
CN 1,3,4-Oxadiazole-2(3H)-thione, 3-(hydroxymethyl)-5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)- (9CI) (CA INDEX NAME)

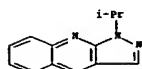
RN 124080-41-7 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-benzoyl- (9CI) (CA INDEX NAME)



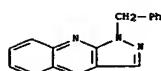
RN 124080-42-8 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-methyl- (9CI) (CA INDEX NAME)



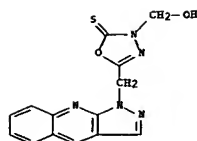
RN 124080-43-9 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-(1-methylethyl)- (9CI) (CA INDEX NAME)



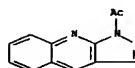
RN 124080-44-0 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-(phenylmethyl)- (9CI) (CA INDEX NAME)



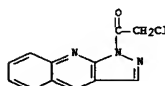
RN 124080-46-2 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-(1-piperidinylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



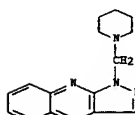
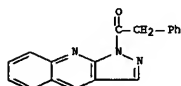
IT 124080-38-2P 124080-39-3P 124080-40-6P
124080-41-7P 124080-42-8P 124080-43-9P
124080-44-0P 124080-46-2P 124080-47-3P
124080-48-4P 124080-49-5P 124080-52-0P
124080-53-1P 124080-54-2P 124080-55-3P
124080-56-4P 124080-57-5P 124080-59-7P
124080-60-0P 124080-61-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and bactericidal, cardiotoxic, and fungicidal activity of)
RN 124080-38-2 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-acetyl- (9CI) (CA INDEX NAME)



RN 124080-39-3 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-(chloroacetyl)- (9CI) (CA INDEX NAME)

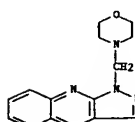


RN 124080-40-6 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-(phenylacetyl)- (9CI) (CA INDEX NAME)



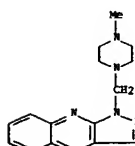
●2 RC1

RN 124080-47-3 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-(4-morpholinylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



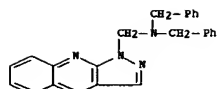
●2 RC1

RN 124080-48-4 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-[(4-methyl-1-piperazinyl)methyl]-, dihydrochloride (9CI) (CA INDEX NAME)



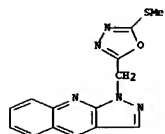
●2 RC1

RN 124080-49-5 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline-1-methanamine, N,N-bis(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)

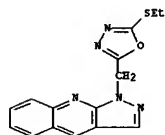


●2 HCl

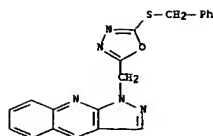
RN 124080-52-0 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-[[5-(methylthio)-1,3,4-oxadiazol-2-yl)methyl]- (9CI) (CA INDEX NAME)



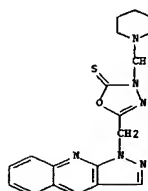
RN 124080-53-1 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-[[5-(ethylthio)-1,3,4-oxadiazol-2-yl)methyl]- (9CI) (CA INDEX NAME)



RN 124080-54-2 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-[[5-[(phenylmethyl)thio]-1,3,4-oxadiazol-2-yl)methyl]- (9CI) (CA INDEX NAME)

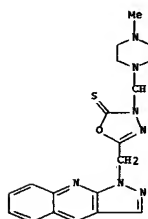


RN 124080-55-3 HCAPLUS
CN 1,3,4-Oxadiazole-2(3H)-thione, 3-[(1-piperidinylmethyl)-5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

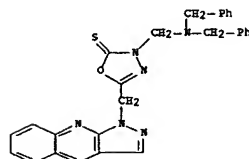
RN 124080-56-4 HCAPLUS
CN 1,3,4-Oxadiazole-2(3H)-thione, 3-[(4-methyl-1-piperazinyl)methyl]-5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

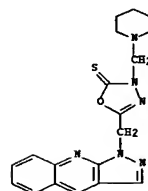
RN 124080-57-5 HCAPLUS

CN 1,3,4-Oxadiazole-2(3H)-thione, 3-[[bis(phenylmethyl)amino)methyl]-5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)

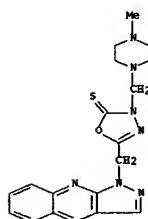


●2 HCl

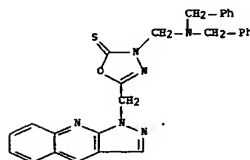
RN 124080-59-7 HCAPLUS
CN 1,3,4-Oxadiazole-2(3H)-thione, 3-(1-piperidinylmethyl)-5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)- (9CI) (CA INDEX NAME)



RN 124080-60-0 HCAPLUS
CN 1,3,4-Oxadiazole-2(3H)-thione, 3-[(4-methyl-1-piperazinyl)methyl]-5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)- (9CI) (CA INDEX NAME)

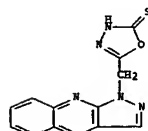


RN 124080-61-1 HCAPLUS
CN 1,3,4-Oxadiazole-2(3H)-thione, 3-[[bis(phenylmethyl)amino)methyl]-5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)- (9CI) (CA INDEX NAME)

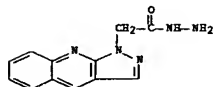


IT 124080-51-9P
AL: SPN (Synthetic preparation); PREP (Preparation)
(preparation, bactericidal, cardiotonic, and fungicidal activity and reactions of)

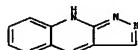
RN 124080-51-9 HCAPLUS
CN 1,3,4-Oxadiazole-2(3H)-thione, 5-(1H-pyrazolo[3,4-b]quinolin-1-ylmethyl)- (9CI) (CA INDEX NAME)



IT 124080-50-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation, bactericidal, cardiotonic, and fungicidal activity, and
cyclization of, with carbon disulfide)
RN 124080-50-8 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline-1-acetic acid, hydrazide (9CI) (CA INDEX
NAME)

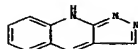


IT 268-93-9, 1H-Pyrazolo[3,4-b]quinoline
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of)
RN 268-93-9 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline (8CI, 9CI) (CA INDEX NAME)

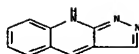


L19 ANSWER 30 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1990:7419 HCAPLUS Full-text
DOCUMENT NUMBER: 112:7419
TITLE: A convenient novel method for the synthesis of
1H-pyrazolo[3,4-b]quinoline and its derivatives
AUTHOR(S): Farghaly, Ahmed M.; Habib, Margues S.; Hazzaa, Ali A.
B.; El-Sayed, Oia A.
CORPORATE SOURCE: Fac. Pharm., Univ. Alexandria, Alexandria, Egypt
SOURCE: Alexandria Journal of Pharmaceutical Sciences (1989),
3(1), 84-6
CODEN: AJPSES; ISSN: 1110-1792
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 268-93-9P, 1H-Pyrazolo[3,4-b]quinoline 124080-65-3P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); SPN (Synthetic preparation); BIOL (Biological
study); PREP (Preparation)
(preparation and bactericidal and fungicidal activity of)
RN 268-93-9 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline (8CI, 9CI) (CA INDEX NAME)

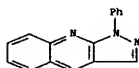
US 5532207 A 19960702 US 1995-460163 19950602
US 5534485 A 19960709 US 1995-458939 19950602
US 5534484 A 19960709 US 1995-460317 19950602
US 5534483 A 19960709 US 1995-460707 19950602
US 5536839 A 19960716 US 1995-460448 19950602
US 5622913 A 19970422 US 1995-459938 19950602
PRIORITY APPL. INFO.: US 1985-808578 A 19851213
US 1984-612531 B2 19840521
US 1986-876599 B1 19860619
EP 1986-115920 A 19861117
FI 1986-5081 A 19861212
US 1988-178408 B1 19880406
US 1990-465569 A3 19900116
US 1993-123827 A3 19930920
IT 268-93-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and reaction of, in preparation of heterocyclopyridine
herbicides)
RN 268-93-9 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline (8CI, 9CI) (CA INDEX NAME)



L19 ANSWER 32 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1987:138447 HCAPLUS Full-text
DOCUMENT NUMBER: 106:138447
TITLE: Antiviral substituted 4-anilino-1,3-dimethyl-1H-
pyrazolo[3,4-b]quinoline derivatives and their
preparation
INVENTOR(S): Zikan, Viktor; Radl, Stanislav; Smejkal, Frantisek;
Zelena, Dana
PATENT ASSIGNEE(S): Czech.
SOURCE: Czech., 7 pp.
CODEN: CZXXA9
DOCUMENT TYPE: Patent
LANGUAGE: Slovak
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
PATENT NO. KIND DATE APPLICATION NO. DATE
CS 233445 B1 19850314 CS 1983-7872 19831026
PRIORITY APPL. INFO.: CS 1983-7872 19831026
OTHER SOURCE(S): CASREACT 106:138447
IT 89522-26-9
RL: RCT (Reactant); RACT (Reactant or reagent)
(amination of)
RN 89522-26-9 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1,3-dimethyl- (9CI) (CA INDEX NAME)

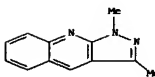


RN 124080-65-5 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-phenyl- (9CI) (CA INDEX NAME)

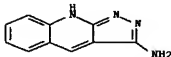


L19 ANSWER 31 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1988:21884 HCAPLUS Full-text
DOCUMENT NUMBER: 108:21884
TITLE: Preparation of novel fused imidazolinyipyridines as
herbicides
INVENTOR(S): Cross, Barrington; Los, Marinus; Doehner, Robert
Francis, Jr.; Ladner, David William; Johnson, Jerry
Lee Jung, Michael E.; Kamhi, Victor Marc; Tseng, Shin
Shyong; Finn, John Michael; Wepplo, Peter John
American Cyanamid Co., USA
SOURCE: Eur. Pat. Appl., 147 pp.
CODEN: EPXXKW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 227932	A1	19870708	EP 1986-115920	19861117
EP 227932	B1	19930113		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
AT 84533	E	19930115	AT 1986-115920	19861117
ES 2046167	T3	19940201	ES 1986-115920	19861117
IL 80750	A1	19920115	IL 1986-80750	19861125
CA 1337419	A1	19951024	CA 1986-525025	19861211
DK 8605990	A	19870614	DK 1986-5990	19861212
FI 8605081	A	19870614	FI 1986-5081	19861212
FI 86730	B	19920630		
FI 86730	C	19921012		
AU 8666469	A1	19870618	AU 1986-66469	19861212
AU 588949	B2	19890928		
JP 62175480	A2	19870801	JP 1986-295056	19861212
JP 07116185	B4	19951213		
ZA 8609404	A	19870826	ZA 1986-9404	19861212
FI 8903136	A	19890627	FI 1989-3136	19890627
FI 88798	B	19930331		
FI 88798	C	19930712		
US 5510319	A	19960423	US 1993-123827	19930920

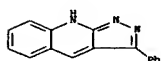


L19 ANSWER 33 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1987:84544 HCAPLUS Full-text
DOCUMENT NUMBER: 106:84544
TITLE: Syntheses of substituted pyrazolo[3,4-b]quinolines,
3,4-dihydro-4-oxopyrimido[4',5':4,5]thieno[2,3-
b]quinoline and pyrido[1',2':1,2]pyrimido[4,5-
b]quinoline
AUTHOR(S): Neelima; Bhat, Balkrishen; Bhaduri, Aniya Prasad
CORPORATE SOURCE: Med. Chem. Div., Cent. Drug Res. Inst., Lucknow, 226
001, India
SOURCE: Journal of Heterocyclic Chemistry (1986), 23(3), 925-8
CODEN: JHCTAD; ISSN: 0022-152X
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 106:84544
IT 106835-44-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 106835-44-3 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-amine (9CI) (CA INDEX NAME)

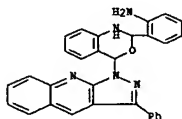


L19 ANSWER 34 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1984:156536 HCAPLUS Full-text
DOCUMENT NUMBER: 100:156536
TITLE: Friedlaender condensation of 1H-pyrazolin-5-ones with
o-aminobenzaldehydes. Synthesis of
1H-pyrazolo[3,4-b]quinolines
AUTHOR(S): Tomasik, Danuta; Tomasik, Piotr; Abramovitch, Rudolph
A.
CORPORATE SOURCE: Dep. Chem. Phys., Hugon Kollataj Acad. Agric., Krakow,
30059, Pol.
SOURCE: Journal of Heterocyclic Chemistry (1983), 20(6),
1539-43
CODEN: JHCTAD; ISSN: 0022-152X
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 100:156536
IT 89522-21-4P 89522-22-5P 89522-24-7P
89522-26-9P 89522-27-0P 89522-29-2P
RL: FORM (Formation, nonpreparative); PREP (Preparation)
(formation of, in Friedlaender reaction of pyrazolinone with

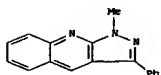
aminobenzaldehyde)
RN 89522-21-4 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 3-phenyl- (9CI) (CA INDEX NAME)



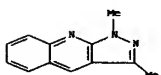
RN 89522-22-5 HCAPLUS
CN Benzenamine, 2-[1,4-dihydro-4-(3-phenyl-1H-pyrazolo[3,4-b]quinolin-1-yl)-2H-3,1-benzoxazin-2-yl]- (9CI) (CA INDEX NAME)



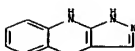
RN 89522-24-7 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-methyl-3-phenyl- (9CI) (CA INDEX NAME)



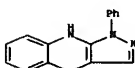
RN 89522-26-9 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1,3-dimethyl- (9CI) (CA INDEX NAME)



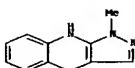
RN 89522-27-0 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1,3-diphenyl- (9CI) (CA INDEX NAME)



RN 87571-76-4 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 4,9-dihydro-1-phenyl- (9CI) (CA INDEX NAME)

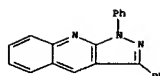


RN 87571-77-5 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 4,9-dihydro-1-methyl- (9CI) (CA INDEX NAME)

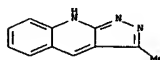


L19 ANSWER 36 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1978:62327 HCAPLUS Full-text
DOCUMENT NUMBER: 88:62327
TITLE: Derivatives of 2-pyrazolin-5-one. V. Preparation and properties of 1',2'-dihydrospiro[[2]pyrazoline-4,3'-(4'H)-quinolin]-5-one derivatives and related compounds
AUTHOR(S): Coutts, Ronald T.; El-Hawari, Abdel-Monaem
CORPORATE SOURCE: Fac. Pharm. Pharm. Sci., Univ. Alberta, Edmonton, AB, Can.
SOURCE: Canadian Journal of Chemistry (1977), 55(15), 2856-66
CODEN: CJCHAG; ISSN: 0008-4042
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 88:62327
IT 894-88-2P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 894-88-2 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 3-methyl-1-phenyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



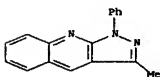
RN 89522-29-2 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 3-methyl- (9CI) (CA INDEX NAME)



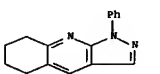
L19 ANSWER 35 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1993:575781 HCAPLUS Full-text
DOCUMENT NUMBER: 99:175781
TITLE: Pyrazolooxazines, -thiazines, -quinolines, and their use as drugs
INVENTOR(S): Mardin, Mithat; Sundermann, Rudolf; Hoffmeister, Friderich; Busse, Wolf Dieter; Horstmann, Harald; Raddatz, Siegfried
PATENT ASSIGNEE(S): Bayer A.-G., Fed. Rep. Ger.
SOURCE: Ger. Offen., 34 pp.
CODEN: GWXKEX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3204126	A1	19830811	DE 1982-3204126	19820206
NO 8300236	A	19830808	NO 1983-236	19830125
EP 85881	A2	19830817	EP 1983-100611	19830125
EP 85881	A3	19840307		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
US 4552874	A	19851112	US 1983-462864	19830201
FI 8300378	A	19830807	FI 1983-378	19830203
DK 8300492	A	19830807	DK 1983-492	19830204
AU 8311125	A1	19830811	AU 1983-11125	19830204
JP 58146583	A2	19830901	JP 1983-16348	19830204
ZA 8300743	A	19831130	ZA 1983-743	19830204
HU 29117	O	19840130	HU 1983-398	19830204
HU 190063	B	19860828		
ES 519559	A1	19840201	ES 1983-519559	19830204

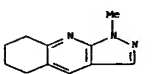
PRIORITY APPL. INFO.:
OTHER SOURCE(S): CASREACT 99:175781
IT 87571-75-3P 87571-76-4P 87571-77-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and lipoxigenase inhibitor activity of)
RN 87571-75-3 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 4,9-dihydro- (9CI) (CA INDEX NAME)



L19 ANSWER 37 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1977:552111 HCAPLUS Full-text
DOCUMENT NUMBER: 87:152111
TITLE: Studies on pyrazolo[3,4-d]pyrimidine derivatives. V. On the transformation of 1H-pyrazolo[3,4-d]pyrimidines into 1H-pyrazolo[3,4-b]pyrimidines
AUTHOR(S): Higashino, Takeo; Iwai, Yoshihisa; Hayaishi, Eisaku
CORPORATE SOURCE: Shizuoka Coll. Pharm., Shizuoka, Japan
SOURCE: Chemical & Pharmaceutical Bulletin (1977), 25(4), 535-42
CODEN: CPBTAL; ISSN: 0009-2363
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 87:152111
IT 51431-30-2P 59026-64-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 51431-30-2 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 5,6,7,8-tetrahydro-1-phenyl- (9CI) (CA INDEX NAME)

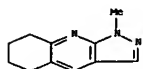


RN 59026-64-1 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 5,6,7,8-tetrahydro-1-methyl- (9CI) (CA INDEX NAME)

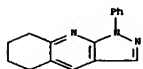


L19 ANSWER 38 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1977:171372 HCAPLUS Full-text
DOCUMENT NUMBER: 86:171372
TITLE: Studies on pyrazolo[3,4-d]pyrimidine derivatives. IV. On 1-methyl- and 1-phenyl-1H-pyrazolo[3,4-d]pyrimidine 5-oxide

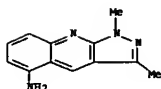
AUTHOR(S): Higashino, Takeo; Iwai, Yoshihisa; Hayashi, Eisaku
 CORPORATE SOURCE: Shizuoka Coll. Pharm., Shizuoka, Japan
 SOURCE: Chemical & Pharmaceutical Bulletin (1976), 24 (12), 3120-34
 CODEN: CPBTAL; ISSN: 0009-2363
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 86:171372
 IT 59026-64-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 59026-64-1 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 5,6,7,8-tetrahydro-1-methyl- (9CI) (CA INDEX NAME)



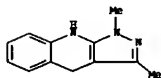
L19 ANSWER 39 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1976:164671 HCAPLUS [Full-text](#)
 DOCUMENT NUMBER: 84:164671
 TITLE: Reactions of 1-substituted-1H-pyrazolo[3,4-d]pyrimidines with active methylene compounds and ketone in the presence of sulfuric acid
 AUTHOR(S): Higashino, Takeo; Iwai, Yoshihisa; Hayashi, Eisaku
 CORPORATE SOURCE: Shizuoka Coll. Pharm., Shizuoka, Japan
 SOURCE: Hukusokan Kagaku Toronkai Koen Yoshishu, 8th (1975), 199-203. Pharm. Inst., Tohoku Univ.: Sendai, Japan.
 CODEN: 32KOAD
 DOCUMENT TYPE: Conference
 LANGUAGE: Japanese
 IT 51431-30-2P 59026-64-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 51431-30-2 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 5,6,7,8-tetrahydro-1-phenyl- (9CI) (CA INDEX NAME)



RN 59026-64-1 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 5,6,7,8-tetrahydro-1-methyl- (9CI) (CA INDEX NAME)

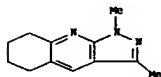


IT 57861-30-0P 57861-31-1P 57861-41-3P
 57861-42-4P 57861-98-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and interferon induction by)
 RN 57861-30-0 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 4,9-dihydro-1,3-dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)



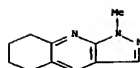
● HCl

RN 57861-31-1 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 5,6,7,8-tetrahydro-1,3-dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)

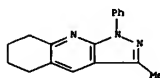


● HCl

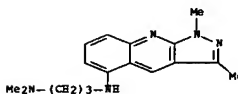
RN 57861-41-3 HCAPLUS
 CN 1,3-Propanediamine, N'-(1,3-dimethyl-1H-pyrazolo[3,4-b]quinolin-5-yl)-N,N-dimethyl-, dihydrochloride (9CI) (CA INDEX NAME)



L19 ANSWER 40 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1976:135540 HCAPLUS [Full-text](#)
 DOCUMENT NUMBER: 84:135540
 TITLE: Synthesis of pyrazolo heteroaromatic compounds by means of 5-amino-3-methyl-1-phenylpyrazole-4-carbaldehyde
 AUTHOR(S): Haeufel, Jochen; Breitmaier, Eberhard
 CORPORATE SOURCE: Chem. Inst., Univ. Tuebingen, Tuebingen, Fed. Rep. Ger.
 SOURCE: Angewandte Chemie, International Edition in English (1974), 13 (9), 604
 CODEN: ACIEAY; ISSN: 0570-0833
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 51431-29-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 51431-29-9 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 5,6,7,8-tetrahydro-3-methyl-1-phenyl- (9CI) (CA INDEX NAME)

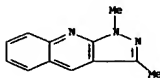


L19 ANSWER 41 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1976:69240 HCAPLUS [Full-text](#)
 DOCUMENT NUMBER: 84:69240
 TITLE: Interferon inducing activities of derivatives of 1,3-dimethyl-4-(3-dimethylaminopropylamino)-1H-pyrazolo[3,4-b]quinoline and related compounds
 AUTHOR(S): Crenshaw, R. R.; Luke, George M.; Siminoff, Paul
 CORPORATE SOURCE: Bristol Lab. Div., Bristol-Myers Co., Syracuse, NY, USA
 SOURCE: Journal of Medicinal Chemistry (1976), 19 (2), 262-75
 CODEN: JMCHAR; ISSN: 0022-2623
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 57862-40-5P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and N-alkylation of)
 RN 57862-40-5 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinolin-5-amine, 1,3-dimethyl- (9CI) (CA INDEX NAME)



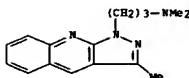
● HCl

RN 57861-42-4 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline, 1,3-dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

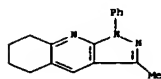
RN 57861-98-0 HCAPLUS
 CN 1H-Pyrazolo[3,4-b]quinoline-1-propanamine, N,N,3-trimethyl-, hydrochloride (9CI) (CA INDEX NAME)



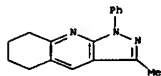
●x HCl

L19 ANSWER 42 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1974:569502 HCAPLUS [Full-text](#)
 DOCUMENT NUMBER: 81:169502
 TITLE: Pyrazolo heteroaromatics from 5-amino-3-methyl-1-phenyl-4-pyrazolecarboxaldehyde
 AUTHOR(S): Haeufel, Jochen; Breitmaier, Eberhard
 CORPORATE SOURCE: Chem. Inst., Univ. Tuebingen, Tuebingen, Fed. Rep. Ger.
 SOURCE: Angewandte Chemie (1974), 86 (18), 671-2
 CODEN: ANCEAD; ISSN: 0044-8249
 DOCUMENT TYPE: Journal
 LANGUAGE: German
 OTHER SOURCE(S): CASREACT 81:169502

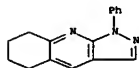
IT 51431-29-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 51431-29-9 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 5,6,7,8-tetrahydro-3-methyl-1-phenyl- (9CI)
(CA INDEX NAME)



L19 ANSWER 43 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1974:95823 HCAPLUS [Full-text](#)
DOCUMENT NUMBER: 80:95823
TITLE: Synthesis of 1H-pyrazolo[3,4-b]pyridines
AUTHOR(S): Haeufel, Jochen; Breitsmaier, Eberhard
CORPORATE SOURCE: Chem. Inst., Univ. Tuebingen, Tuebingen, Fed. Rep. Ger.
SOURCE: Angewandte Chemie (1973), 85(21), 959-60
CODEN: ANCEAD; ISSN: 0044-8249
DOCUMENT TYPE: Journal
LANGUAGE: German
IT 51431-29-9P 51431-30-2P 51431-31-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 51431-29-9 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 5,6,7,8-tetrahydro-3-methyl-1-phenyl- (9CI)
(CA INDEX NAME)



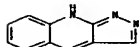
RN 51431-30-2 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 5,6,7,8-tetrahydro-1-phenyl- (9CI) (CA INDEX NAME)



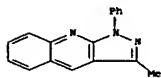
RN 51431-31-3 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 1-ethyl-5,6,7,8-tetrahydro- (9CI) (CA INDEX NAME)

PATENT ASSIGNEE(S): Farbenfabriken Bayer A.-G
SOURCE: 18 pp.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
BE 617180		19621105	BE	
DE 1186867			DE	
FR 1321250			FR	
PRIORITY APPL. INFO:			DE	19610503
IT 268-93-9, 1H-Pyrazolo[3,4-b]quinoline (deriva.)				
RN 268-93-9 HCAPLUS				
CN 1H-Pyrazolo[3,4-b]quinoline (8CI, 9CI) (CA INDEX NAME)				

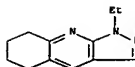


IT 894-88-2, 1H-Pyrazolo[3,4-b]quinoline, 3-methyl-1-phenyl- (preparation of)
RN 894-88-2 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 3-methyl-1-phenyl- (7CI, 8CI, 9CI) (CA INDEX NAME)

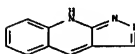


L19 ANSWER 46 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1960:97593 HCAPLUS [Full-text](#)
DOCUMENT NUMBER: 54:97593
ORIGINAL REFERENCE NO.: 54:18520d-i, 18521a
TITLE: Syntheses of nitrogen-containing heterocycles. XXII. The synthesis of some pyrazolo[3,4-b]pyridines
AUTHOR(S): Dornow, Alfred; Siebrecht, Manfred
CORPORATE SOURCE: Tech. Hochschule, Hannover, Germany
SOURCE: Chemische Berichte (1960), 93, 1106-10
CODEN: CHEBAM; ISSN: 0009-2940
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
OTHER SOURCE(S): CASREACT 54:97593
IT 114163-41-6, 1H-Pyrazolo[3,4-b]quinolin-3-ol, 5,6,7,8-tetrahydro- (preparation of)
RN 114163-41-6 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinolin-3-ol, 5,6,7,8-tetrahydro- (6CI) (CA INDEX NAME)

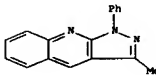
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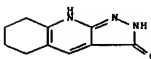
L19 ANSWER 44 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1965:66481 HCAPLUS [Full-text](#)
DOCUMENT NUMBER: 62:66481
ORIGINAL REFERENCE NO.: 62:11799b-h
TITLE: Condensed pyrazolopyridines
AUTHOR(S): Brack, Alfred
CORPORATE SOURCE: Farbenfabriken Bayer, Leverkusen, Germany
SOURCE: Justus Liebigs Annalen der Chemie (1965), 681, 105-10
CODEN: JLAJEF; ISSN: 0075-4617
DOCUMENT TYPE: Journal
LANGUAGE: German
OTHER SOURCE(S): CASREACT 62:66481
IT 268-93-9, 1H-Pyrazolo[3,4-b]quinoline (deriva.)
RN 268-93-9 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline (8CI, 9CI) (CA INDEX NAME)



IT 894-88-2, 1H-Pyrazolo[3,4-b]quinoline, 3-methyl-1-phenyl- (preparation of)
RN 894-88-2 HCAPLUS
CN 1H-Pyrazolo[3,4-b]quinoline, 3-methyl-1-phenyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



L19 ANSWER 45 OF 46 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1963:40355 HCAPLUS [Full-text](#)
DOCUMENT NUMBER: 59:3555
ORIGINAL REFERENCE NO.: 59:636a-c
TITLE: 1H-Pyrazolo[3,4-b]quinolines
INVENTOR(S): Brack, Alfred



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FILE 'REGISTRY' ENTERED AT 13:13:53 ON 01 MAR 2005
L1 STRUCTURE UPLOADED
L2 1077 S L1 FUL
FILE 'HAPLUS' ENTERED AT 13:14:48 ON 01 MAR 2005
L3 85 S L2
L4 0 L3 AND EPOR
L5 0 L3 AND ERYTHROPOIETIN
L6 0 L3 AND EPO
L7 1 L3 AND (ADMINISTER OR ADMINISTRATION)
FILE 'STNGUIDE' ENTERED AT 13:15:51 ON 01 MAR 2005
FILE 'HAPLUS' ENTERED AT 13:18:08 ON 01 MAR 2005
L8 0 L3 AND VIVO
L9 1 L3 AND MAMMAL
L10 STRUCTURE UPLOADED
FILE 'REGISTRY' ENTERED AT 13:20:25 ON 01 MAR 2005
L11 7 S L10
L12 244 S L10 FUL
FILE 'HAPLUS' ENTERED AT 13:20:40 ON 01 MAR 2005
L13 0 L12 AND ERYTHROPOIETIN
L14 46 L12
L15 1 L14 AND DOSE
FILE 'STNGUIDE' ENTERED AT 13:31:32 ON 01 MAR 2005
FILE 'REGISTRY' ENTERED AT 13:40:01 ON 01 MAR 2005
L16 STRUCTURE UPLOADED
L17 7 S L16 SAM
L18 244 S L16 FUL
FILE 'HAPLUS' ENTERED AT 13:40:39 ON 01 MAR 2005
L19 46 S L18
L20 0 L19 AND EPO
L21 0 L19 AND EPOR
L22 0 L19 AND ERYTHROPOIETIN
L23 0 L19 AND ADMINISTER
L24 1 L19 AND DOSE
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FILE 'HCAPLUS' ENTERED AT 13:44:57 ON 01 MAR 2005
L26 1 5 L25

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---Logging off of STN---

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Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	180.44	753.80

STN INTERNATIONAL LOGOFF AT 13:51:12 ON 01 MAR 2005